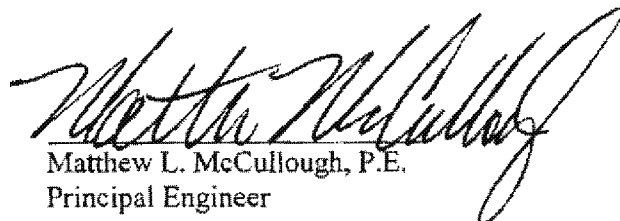


**Phase I Environmental Site Assessment
Shultz Steel Company
5321 East Firestone Boulevard, 5311 and 5335
Reisner Way, 5210 Firestone Place, 5225 East
Firestone Place, and 8621 Rayo Avenue
South Gate, California**

Prepared for

Freemont Investment and Loan
701 5th Avenue, Suite 6600
Seattle, Washington 98104

HLA Project No. 42130 1


Matthew L. McCullough, P.E.
Principal Engineer

September 30, 1998



Harding Lawson Associates
Engineering and Environmental Services
30 Corporate Park, Suite 400
Irvine, California 92606 - (949) 260-1800

CONTENTS

1.0 EXECUTIVE SUMMARY.....	1
1.1 Property Use	1
1.2 Environmental Issues.....	1
1.3 Recommendations	2
2.0 OBJECTIVES, SCOPE, TERMS, AND LIMITATIONS	3
2.1 Objective	3
2.2 Procedures and Methodology.....	3
2.3 Special Terms and Conditions	4
2.4 Limitations and Exceptions of Assessment.....	4
3.0 SITE DESCRIPTION.....	6
3.1 Location and Legal Description	6
3.2 Site and Vicinity Characteristics	6
3.3 Structures, Roads, and Other Improvements	6
3.4 Environmental Liens.....	6
3.5 Current Use of Property	7
3.6 Site Map	7
4.0 SITE INSPECTION	8
4.1 Interior and Exterior Observations	8
4.2 Hazardous Substances On-Premises	9
4.3 Hazardous Substance Handling and Storage	9
4.4 Storage Tanks	10
4.5 PCBs	10
4.6 Solid Waste Disposal	10

4.7	Physical Setting.....	11
4.8	Other Conditions of Potential Concern.....	12
	Underground Pipelines	12
	Wetlands.....	12
	NPDES Permits	12
5.0	PUBLIC RECORD REVIEW.....	13
5.1	CERCLIS List	13
5.2	NPL Site List.....	14
5.2	RCRA TSD Facilities	14
5.3	RCRA Generators	14
5.4	Cal-Sites List.....	15
5.5	Landfills or Solid Waste Disposal Sites	16
5.6	LUST List	17
5.7	Registered USTs	18
5.8	Emergency Releases	18
5.9	Contaminated Wells	19
5.10	Previous Reports	19
5.11	Other Searches.....	20
	5.11.1 Solid Waste Disposal Sites	20
	5.11.2 Hazardous Waste Sites.....	21
	5.11.3 USGS 7.5-Minute Topographic Map.....	21
5.12	Conclusion.....	21
6.0	HISTORICAL USE ANALYSIS	22
6.1	Narrative	22
6.2	Aerial Photographs.....	22
6.3	Fire Insurance Maps.....	26
6.4	Property Tax Files	26
6.5	Recorded Land Title Records	26

6.6	USGS 7.5 Minute Topographic Map	26
6.7	Local Street Directory	27
6.8	Other Sources	27
6.9	Building Department Records	27
6.10	Zoning/Land Use Records	27
7.0	ASBESTOS SAMPLING	28
7.1	Sampling Strategy	28
7.2	Inspector Information	28
7.3	Date and Location of Sampling	28
7.4	Asbestos Sample Classification	29
7.5	Laboratory Methodology	29
7.5.1	Analytical Laboratory	29
7.5.2	Chain-of-Custody	29
7.5.3	Analysis Method	29
7.5.4	Detailed Asbestos Types	30
7.6	Results	30
7.7	Previous Survey	31
8.0	FINDINGS AND CONCLUSION	33
8.1	Property Use	33
8.2	Environmental Issues	33
8.3	Recommendations	34
9.0	SIGNATURES OF ENVIRONMENTAL PROFESSIONAL	36
10.0	QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS	38
11.0	REFERENCES	1

PLATES

- 1 Site Location Map
- 2 Site Map
- 3 The Government Agency-Listed Sites Location Map
- 4 Detailed Government Agency-Listed Site Map

APPENDIXES

- A PHOTOGRAPHS
- B DATABASE REPORT
- C HISTORICAL RECORDS SUMMARY
- D ASBESTOS BULK SAMPLING SUMMARY

DISTRIBUTION

1.0 EXECUTIVE SUMMARY

1.1 Property Use

HLA has conducted an ESA for Freemont Investments for the Shultz Steel Company (SSC) located at 5321 Firestone Boulevard, 5210 Firestone Place, 5225 East Firestone Place, 5311 and 5335 Reisner Way, and 8621 Rayo Avenue in South Gate, California. The ESA was performed in accordance the ASTM E 1527-97 guidance document, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The ESA encompassed a historical records and regulatory records review, interviews with persons familiar with the Site, a walkthrough Site inspection and driveby surrounding area reconnaissance, and report preparation summarizing our conclusions and recommendations. The ESA did not include an evaluation of the ecological resources of the Site.

SSC is a manufacturer of custom forgings. SSC uses a variety of presses and hammers to forge non-ferrous metals. SSC was founded in 1947 at 5321 Firestone Boulevard and through a series of plant expansions and acquisitions, SSC facilities grew in size to seven buildings on approximately 23 acres.

1.2 Environmental Issues

The review of historical information and regulatory files for the Site and Government Database review for the surrounding area indicates the following potential environmental conditions:

- Asbestos was found in 23 of 228 samples (gathered in September 1998 and October 1997). The percent chrysotile ranged from less than 1 percent to 10 percent. The ACMs from the Site appear to be in fair to good condition and do not appear likely to release fibers into the air. Therefore, the presence of asbestos at the Site would not be considered a recognized environmental condition. HLA recommends an asbestos operations and maintenance plan be developed for management of the ACM at the Site.
- Potential environmental conditions associated with SSC operating a custom forging and heavy manufacturing facility. These include petroleum associated with underground and aboveground storage tanks and sumps, incidental spillage of petroleum products and wastes associated with these activities. This is mitigated by several factors. First, the tanks at SSC all appear to be in good condition and in compliance with current regulations. The two underground tanks were recently relocated and were

successfully leak tested. Second, the Site is entirely paved and stormwater from the Site is monitored regularly thus minimizing the chance of a surface release. Third, a outside party (Dial Corporation) placed monitoring wells downgradient of SSC to evaluate whether SSC should be included in Dial's groundwater cleanup. Dial's conclusion was that SSC had not released any chemicals to groundwater. Thus, the chances of a chemical release from the Site appear minimal; however, it is impossible to exclude a release without a soil and groundwater sampling program.

- From the late 1940's to 1987, Reisner Metals, Inc., owned and operated a steel machinery manufacturing facility at the Site (5311 and 5335 Reisner Way and 5225 East Firestone Place, as well as a forge building which Reisner Metals demolished). Reisner Metals had seven underground storage tanks, seven subsurface vaults, nine subsurface sumps, and four quench tanks. The Los Angeles Department of Public Works (LADPW) granted closure on all former Reisner Metals operations in 1993, thus this does not appear to be a recognized environmental condition.
- The storage of hazardous materials/wastes associated with the current tenant (Air Nail) and previous tenants that operated onsite do not appear to be a recognized environmental condition since the results of HLA's previous subsurface investigation indicate the soils onsite are not impacted with petroleum hydrocarbons, VOCs, MTBE, metals, or organic lead.
- In the surrounding area four properties (within 1 mile of the subject Site) are included on the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database. Additionally, since the area is predominantly industrial and HLA's previous subsurface investigation did not include groundwater monitoring, the potential exists for groundwater beneath the Site to be contaminated from industrial activities in the area; however, based on the location or regulatory status of each listed facility, this does not appear to be a recognized environmental condition.

1.3 Recommendations

- HLA recommends an asbestos operations and maintenance plan be developed for management of the ACM at the Site.
- The chances of an environmental release from the Site appear minimal; however, it is impossible to exclude an environmental release without a sampling program.

2.0 OBJECTIVES, SCOPE, TERMS, AND LIMITATIONS

Harding Lawson Associates (HLA) has conducted a Phase I Environmental Site Assessment (ESA) for Freemont Investments (Freemont) of the Shultz Steel Company (SSC), located at 5321 East Firestone Boulevard, 5210 Firestone Place, 5225 East Firestone Place, 5311 and 5335 Reisner Way, and 8621 Rayo Avenue in South Gate, California.

The ESA was performed in accordance with the Services Agreement between Freemont and HLA dated August 6, 1998, and the American Society for Testing and Materials (ASTM) E 1527-94 guidance document, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*.

2.1 Objective

The objective of the ESA was to identify recognized environmental conditions. The term *recognized environmental conditions* as defined by ASTM is the presence or likely presence of any *hazardous substances* or *petroleum products* on a *property* under conditions that indicate an existing release, a past release, or a material threat of a release of any *hazardous substances* or *petroleum products* into structures on the *property* or into the ground, groundwater, or surface water of the property. The term includes *hazardous substances* or *petroleum products* even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. This report includes information gathered from federal, state, and local agencies; personal and telephone interviews with people familiar with the Site and surrounding properties; and a Site visit conducted by HLA representatives.

2.2 Procedures and Methodology

The ESA conducted by HLA included, but was not limited to, the following services:

- Site inspection
- Driveby observation of adjacent properties and Site vicinity
- Interviews with people familiar with the Site

- Regulatory agency file reviews
- Site history/land use review
- Review of previous reports
- Report development including summary of conclusions and recommendations

The ESA did not include review of title records, a current review of Regional Water Quality Control Board (RWQCB) records, a review of California Environmental Protection Agency (Cal EPA) Department of Toxic Substances Control (DTSC) records, or an evaluation of the ecological resources of the Site.

2.3 Special Terms and Conditions

This document was prepared for the sole use of Freemont and Freemont's successors and assignees and those parties designated in Freemont's and HLA's Services Agreement, and may be relied upon by Freemont and such successor(s) or assignee(s) or other parties as designated in the Services Agreement. No other party should rely on the information contained herein without prior written consent of HLA and Freemont. The ESA activities were conducted in accordance with the Services Agreement between Freemont and HLA, dated August 6, 1998, ASTM guidelines, and practices and procedures generally accepted in the environmental consulting field. Our professional judgment to assess the potential for contamination is based on limited data; no other warranty is given or implied by this report.

2.4 Limitations and Exceptions of Assessment

Specific to the ESA, lack of evidence of the presence of hazardous materials following completion of the tasks of a reasonable and mutually agreed-upon scope of work does not guarantee the absence of such materials; rather, it indicates only that none were found as a result of the services provided. Although the limited nature of HLA's scope of work precludes the firm from providing a warranty or guarantee regarding the presence or absence of hazardous materials that could potentially affect the Site, HLA has provided its best professional judgment of possible hazardous materials issues and performed the agreed-upon services in accordance with the Services Agreement between and HLA and Freemont and with practices and procedures generally accepted in the environmental consulting field.

HARDING LAWSON ASSOCIATES

Matthew L. McCullough, P.E.
Principal Engineer

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

Shultz Steel Company (SSC [the Site]) is located at 5321 East Firestone Boulevard, 5210 Firestone, 5225 East Firestone Place, 5311 and 5335 Reisner Way, and 8621 Rayo Avenue in South Gate, Los Angeles County, California. For this report, all site addresses constitute "the Site."

3.2 Site and Vicinity Characteristics

The Site encompasses approximately 23 acres of land with a total of 7 buildings. The Site is bordered to the north by the Southern Pacific Railroad and vacant land, to the south by Firestone Boulevard, to the east by the Los Angeles River, and to the west by commercial properties. A Site Location Map is presented as Plate 1. Electric transmission lines were observed east of the Site, across the Los Angeles river. The surrounding area consists of predominantly commercial and industrial properties. The adjacent properties are shown on Plate 1 as well.

3.3 Structures, Roads, and Other Improvements

The Site is developed with metal buildings or concrete-wall tilt-up buildings. Offices are in concrete-block construction or aluminum storefronts contiguous with the metal or tilt-up buildings. The Site is entirely paved with the exception of small landscaped areas abutting streets. The roofs are either metal or mineral-surface rolled asphalt-felt. Heating, ventilation, and air conditioning to office areas is provided by various curb-mounted gas-fired or electric roof-top package units. Warehouse areas are not heated or cooled.

3.4 Environmental Liens

No environmental liens were found concerning the Site based on the EDR report or Los Angeles Department of Public Works records.

3.5 Current Use of Property

SSC is a manufacturer of custom forgings. In the 51 years since its founding in 1947, SSC has developed expertise in forging highly engineered and technologically advanced alloys that have extensive use in the Aerospace industry. SSC uses a variety of presses and hammers to forge non-ferrous metals. At the heart of SSC's operations is the 28,000-ton press. SSC manufactures a full array of airframe structural forgings and aerospace propulsion forgings including:

- Landing gear, wing spars, and struts
- Fuselage formers, bulkheads, longerons, and window frames
- Rings and casings for gas turbines and liquid-fueled rocket engines.

SSC is constructing a new 35,000-ton press. The table below outlines the use of each building on the Property.

Address	Building Description	Current Activities
5321 Firestone Boulevard	Steel-framed metal building and roof with concrete block office area.	Forging with hammers and presses, ancillary furnaces and quenching, grinding and cutting, hazardous materials/petroleum storage, underground and aboveground storage tanks, and material (die) storage.
5210 Firestone Place	Steel-framed metal building with small aluminum storefront.	Die repair and maintenance and office space
5225 East Firestone Place	Concrete tilt-up with small aluminum storefront.	Material storage.
5311 Reisner Way	Concrete tilt-up with small aluminum storefront.	Die storage. Thirty percent leased to Air Nail.
5335 Reisner Way	Concrete tilt-up with small aluminum storefront.	Leased to Air Nail.
8621 Rayo Avenue	2 Steel-framed metal buildings and roofs.	Machining, milling, offices, and storage.

3.6 Site Map

VERIFY THE PLATE NUMBERS – PLATES 1 AND 3?? VICINITY AND SITE?

A Site Map is presented as Plate 2. Photographs of the Site are included in Appendix A.

4.0 SITE INSPECTION

4.1 Interior and Exterior Observations

At the time of HLA's Site visits (July 31, August 3, and September 6), all buildings, except for the Reisner Way buildings, were being used by SSC. The Reisner Way buildings are being leased to Air Nail. Air Nail leases all of 5335 Reisner Way and roughly one-third of 5311 Reisner Way. Air Nail's lease expires in 2003.

The main forge building is at 5321 Firestone Boulevard. A 35,000-ton press is under construction at the northwest side of the forge building. The interior of 5321 Firestone Boulevard is a complex of forging hammers and presses. As the equipment forges metal, the entire facility experiences minor shock vibrations. The 28,000-ton press has a three-foot-thick concrete foundational sump that holds a mixture of hydraulic oil and water. The interior of the facility is generally clean for a heavy industrial facility. Oil spills are cleaned up with spill adsorbent. The exterior of the facility is paved. The surface has varying degrees of metal grindings and spilled motor oil. The metal grindings are more significant near the grinding areas. SSC removes these materials several times a year. The grinding area abuts the Los Angeles River embankment. The concrete lining of the river in this area is stained a rust-color. According to Peter Nash, this was the result of a baghouse failure several years ago. There is a closed sump in the southeast corner of the property that was full of water with an oil sheen at the time of HLA's Site visit. According to Peter Nash, this sump is periodically cleaned. Petroleum products and wastes are stored in a covered storage area. The balance of the exterior of the facility is used for material and die storage.

The 5210 Firestone Place building is known as the Annex. This building is used for die repair and contains arc cutting and torches. The building contains a water table used in cutting metal. The exterior of the building is used for material storage.

The 5225 East Firestone Place building is a concrete tilt-up formerly used for multi-tenant occupancy. At the time of HLA's Site visit, the building was generally being used for material storage on both the interior and exterior. This building is undergoing construction late in 1998 to include ADA restroom facilities, maintenance and tool crib storage, a hand grinding area, a blast grinding area, and a QC warehouse with shipping.

The 5311 and 5335 Reisner Way buildings are concrete tilt-ups. The 5335 Reisner Way is leased by Air Nail. Air Nail leases approximately one-third of 5311 Reisner Way. SSC uses the balance of Reisner Way for die storage.

The 8621 Rayo buildings are two essentially identical high-bay metal buildings. There are concrete-block offices in the buildings. They are used for machining, milling, and Vacuum Arc Re-melt (VAR). The VAR furnaces melt metals under vacuum to form ultra-pure material. The exterior of the Rayo buildings is primarily used for material storage.

4.2 Hazardous Substances On-Premises

Materials observed at the Site include unleaded gasoline, diesel, oil and waste oil, die lubricant, propane, used adsorbent, and oily water. Shultz Steel also has a variety of scrap metal and metal grindings and powders stored at the Site; however, these materials have value and are recycled off-site into metal ingots. A letter from Cal-EPA supports the recycling of this material. At the time of the Site visit, Air Nail had kerosene, waste oil, and waste coolant.

4.3 Hazardous Substance Handling and Storage

The table below details hazardous substance handling and storage at the Site.

Hazardous Substance Handling and Storage					
Type	Material	Qty. Stored	Use/Origin	Container	Location
UGT	Unleaded Gasoline	10,000 gallons	Vehicle fueling	Dbl.wall FG tank w/monitoring	Fuel Service Area
UGT	Diesel	10,000 gallons	Vehicle fueling	Dbl.wall FG tank w/monitoring	Fuel Service Area
AGT	Oil	5,000 gallons	Lubricant	Single wall steel	Oil Storage Area
AGT	Oil	1,500 gallons	Lubricant	Single wall steel	Oil Storage Area
AGT	Waste Oil	2,000 gallons	Used oil	Single wall steel	Oil Storage Area

Hazardous Substance Handling and Storage					
Type	Material	Qty. Stored	Use/Origin	Container	Location
55 Gallon Drums	Die Lubricant	20 drums	Die lubrication	PVC	Oil Storage Area
AGT	Die Lubricant	1,000 gallons	Die lubrication	PVC	Oil Storage Area
55 Gallon Drums	Motor Oils	500 gallons+	Equipment Maintenance	PVC	Oil Storage Area
AGT	Used Oil	5,000 gallons	Used Oil	Single wall steel	Oil Storage Area
AGT	Propane	30,000 gallons	Alt. Fuel	Single wall steel	Propane Tank Area
Air Nail - 55 Gallon Drums	Kerosene, waste oil, waste coolant	2,200 gallons	Various	PVC	Materials Storage Area

SSC manifests three materials: used adsorbent, waste oil, and oily water.

4.4 Storage Tanks

See discussion above for detail on the storage tanks. All of the storage tanks appear to be in compliance with current environmental regulations.

4.5 PCBs

HLA observed ten liquid-filled transformers at 5321 Firestone Boulevard. The transformers contained either silicone oil, mineral oil, or a hydrocarbon based oil. The oils were tested by Power Systems Testing Company in December of 1997. While no testing for PCBs was conducted, no testing was deemed necessary as the oils were assessed as "new." HLA observed nine other transformers onsite owned by Southern California Edison. All transformers appeared to be in good condition. HLA did not observe any staining in the vicinity of any transformer.

4.6 Solid Waste Disposal

Solid waste disposal is provided by the City of South Gate. Commodity vendors bid on recycling scrap metal and metal grindings and powders from the facility. There was no evidence of solid waste disposal at the Site.

4.7 Physical Setting

The Site is located within the Los Angeles Forebay Area of the Central Basin (California Department of Water Resources [DWR], 1961). The Central Basin covers most of the Coastal Plain of Los Angeles County east and northeast of the Newport-Inglewood uplift. The Central Basin is bounded on the southeast by the Los Angeles - Orange County line, on the west and south by the Newport-Inglewood uplift, and on the north by the Hollywood Basin and a series of low hills, which are interrupted by the Los Angeles and Whittier Narrows.

Recent alluvium, the Lakewood Formation, and the San Pedro Formation comprise the sediments of the Los Angeles Forebay Area (DWR, 1961). These sediments are known to exist to a depth of 1,600 feet bgs and are underlain by consolidated materials (bedrock). These sediments have been grouped according to their ability to transmit water. Those formations or groups of formations that freely transmit water and are capable of yielding a significant amount of water are referred to as aquifers. Those formations or groups of formations that impede groundwater movement and do not yield water freely are referred to as aquicludes.

The recent alluvium in the area of the Site, approximately 150 feet thick, is found on the Downey Plain and consists of the Bellflower aquiclude and the Gaspur aquifer. The Bellflower aquiclude is reported to be approximately 75 feet thick and to consist of clay and sandy clay (DWR, 1961). Water-bearing alluvial sediments above the Bellflower aquiclude are assigned to the semiperched aquifer throughout the Central Groundwater Basin (DWR, 1961). The Gaspur aquifer consists mainly of sand and gravel with limited clay, and it reportedly extends from approximately 75 to 150 feet bgs in the area of the Site (DWR, 1961). Depth to groundwater beneath the Site varies from 70 to 80 feet bgs.

The Lakewood Formation lies below the recent alluvium in the area of the Site (DWR, 1961). Extending to approximately 375 feet bgs, the Lakewood Formation includes the Exposition and Gage aquifers. In the area of the Site, the Exposition aquifer consists of a sand and gravel member separated from the aquifers above and below by discontinuous clay and silt lenses. In this area, the Gage aquifer consists of approximately 40 vertical feet of sand and sandy clay with some gravel. The Gage aquifer unconformably overlies the San Pedro Formation.

The San Pedro Formation is estimated to be approximately 900 feet thick in the area of the Site and contains the Hollydale, Lynwood, Silverado, and Sunnyside aquifers separated by possible aquicludes and undifferentiated formations (DWR, 1961). The Hollydale aquifer consists of sand and sandy clay with some

gravel and is approximately 50 feet thick below the Site. The Lynwood aquifer, composed mainly of sand and gravel with little clay, is approximately 75 feet thick below the Site. The Silverado aquifer, composed mainly of gravely sand with some interbedded clay, is approximately 175 feet thick beneath the Site and contains mainly of sand with interbedded clay layers. The deepest aquifer in the San Pedro Formation is the Sunnyside. This aquifer is composed of coarse-grained sands and gravels with interbeds of sandy clay and clay. In the area of the Site, the Sunnyside aquifer is approximately 200 feet thick and is separated from the overlying Silverado aquifer by an aquiclude that is approximately 200 feet thick (DWR, 1961).

The City of South Gate Well 25 (State Well No. 3S/12W-31Q02 S) is located between 1/4 and 1/2 mile southeast, downgradient of the Site.

4.8 Other Conditions of Potential Concern

Underground Pipelines

HLA's Site inspection did not reveal evidence that would indicate the presence of underground pipelines at the Site.

Wetlands

HLA did not review wetland maps for the Site and surrounding properties. Site inspection did not reveal existing wetlands or any conditions, such as reeds or standing water, that would indicate the presence of a wetland on the Site. Based on the USGS topographic map, no wetlands exist on or adjacent to the Site.

NPDES Permits

SSC has a stormwater discharge permit that falls under the NPDES Permit umbrella. Stormwater runoff from the Site is sampled typically twice a year and reported the Regional Water Quality Control Board, Los Angeles Region (RWQCB). Samples have indicated the presence of low levels of TPH, metals, suspended solids, and turbidity. SSC has had reciprocal communication of sample results and material handling improvements with the RWQCB. There are no prescriptive standards for stormwater runoff therefore this issue does not appear to pose an environmental concern.

5.0 PUBLIC RECORD REVIEW

Regulatory agency database information was obtained from EDR's Radius Map Report, which maps and lists sites in government and state environmental databases with existing conditions or status that may have the potential to impact the Site. The summary below includes only those properties within the search radii specified by the *ASTM Standard Practice for Environmental Site Assessments* (ASTM E1527-94) for each database search. A discussion of the EDR report is presented below. The EDR report is provided as Appendix B. The Government Agency-Listed Sites Location Maps are presented as Plates 3 and 4.

5.1 CERCLIS List

The EPA Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS [updated June 15, 1998]) - CERCLIS provides information on businesses or properties that are in or are being considered for the federal Superfund Program according to the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA). Under this program, a business or property is identified and a preliminary assessment is performed to assess whether the Site will become a federal Superfund Site. The following sites were included in CERCLIS:

1. Reisner Metals, Inc.
5225 Firestone Place
Location: Formerly located at the Site
Status: From the late 1940's to 1987, Reisner Metals, Inc., owned and operated a steel machinery manufacturing facility at the Site (5311 and 5335 Reisner Way and 5225 East Firestone Place, as well as a forge building which Reisner Metals demolished). Reisner Metals had seven underground storage tanks, seven subsurface vaults, nine subsurface sumps, and four quench tanks. The Los Angeles Department of Public Works (LADPW) granted closure on all former Reisner Metals operations in 1993, thus this does not appear to be a recognized environmental condition.
2. Jervis B. Webb Company
9301 Rayo Avenue
Location: Between 1/4 and 1/2 mile west-southwest and downgradient of the subject Site.
Status: The site is currently under investigation by the government to assess the extent of further action. Based on the location (downgradient) to the Site, this does not appear to be a recognized environmental condition.
3. Kustom Fit Hi-Tech Seating Products, Inc.
8990 Atlantic Avenue
Location: Between 1/4 and 1/2 mile west and crossgradient of the subject Site.

Status: The site is currently under investigation by the government to assess the extent of further action. Based on the location (crossgradient) to the Site, this does not appear to be a recognized environmental condition.

4. Cooper Drum Company

9316 Atlantic Avenue

Location: Approximately 1/2 mile southwest and downgradient of the subject Site.

Status: The site is proposed for the NPL and is currently under investigation by the government to assess the extent of further action. The site is also on the FINDS database, NPL database, RCRIS large-quantity generator database, and Cal-Sites database. Based on the location (downgradient) and distance from the Site, this does not appear to be a recognized environmental condition.

5.2 NPL Site List

EPA National Priorities List (NPL [updated March 6, 1998]) for Uncontrolled Hazardous Waste Sites, June 1, 1996 - The NPL is a listing of CERCLIS sites that have been determined by EPA's Hazard Ranking System to present the greatest potential risks to human health and the environment. NPL sites, also known as Superfund sites, are qualified to receive CERCLA remedial funding. The following site was included on the NPL:

1. Cooper Drum Company (discussed above)

5.2 RCRA TSD Facilities

The CORRACTS database [updated December 15, 1997] a list of handlers with RCRA Corrective Action Activity. This following site was listed:

1. Lilly Industries, Inc.

9845 Miller Way

Location: Approximately 1/2 mile south-southeast and downgradient of the subject Site.

Status: Based on the location of the subject site (downgradient), it does not appear to pose an environmental concern.

5.3 RCRA Generators

The Resource Conservation and Recovery Information System (RCRIS [January 1, 1998]) includes selective information on sites that generate, transport, store, treat, and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Presence on this list does not indicate that there is contamination at the subject facility. RCRA Large Quantity Generators (LQG) are facilities that generate at least 1,000 kilograms per month (kg/mo) of nonacutely hazardous waste or 1 kg/mo of acutely hazardous

waste. Sites that generate less than these amounts are Small Quantity Generators (SQG). The following sites were listed as large- and small-quantity generators:

1. Shultz Steel Company (SQG)
8621 South Rayo Street
Location: Site
Status: No violations or documented releases. This list does not indicate any environmental concerns.
2. Ink Makers (SQG)
5225 Firestone Place
Location: Formerly a tenant at the Site
Status: No violations or documented releases, it does not appear to pose an environmental concern.
Business has relocated off-site.
3. Air Nail Company (SQG)
5225 Firestone Place
Location: Site (Tenant)
Status: No violations or documented releases. This list does not indicate any environmental concerns.
4. Gateway Business Forms (SQG)
5101 Firestone Place
Location: Approximately 1/8 mile west-northwest and upgradient of the subject Site.
Status: No violations or documented releases, it does not appear to pose an environmental concern.
5. Arnco (LQG)
5141 Firestone Place
Location: Approximately 1/8 mile west-northwest and upgradient of the subject Site.
Status: Since the site has no violations or documented releases, it does not appear to pose an environmental concern.
6. Reisner Metals, Inc. (LQG [discussed above])

5.4 Cal-Sites List

The Cal-Sites list is prepared by the Department of Toxic Substance Control (DTSC) and contains a database of potential hazardous waste sites identified by the historical Abandoned Site Survey Program. It is unclear when this list was last updated. The following site was included:

1. California Alabama Pipe Company
5335 Southern Avenue
Location: Approximately 1/4 mile south-southwest and downgradient of the subject Site.
Status: Since the site does not require DTSC action, it does not appear to pose an environmental concern.
2. Cooper Drum Company (discussed above)

3. Atlantic Richfield Vinvale Terminal
8600 Garfield Avenue
Location: Approximately ½ mile east-northeast and crossgradient of the subject Site.
Status: Since the site does not require DTSC action, it does not appear to pose an environmental concern.
4. Garfield Mobile Park
8422 Garfield Avenue
Location: Approximately ½ mile east-northeast and crossgradient of the subject Site.
Status: Since the site does not require DTSC action, it does not appear to pose an environmental concern.
5. Park Avenue Elementary School
8020 Park Avenue
Location: Approximately ½ mile north and crossgradient of the subject Site.
Status: The school was built on a landfill used for rubbish and waste oil. An impermeable cap was completed in October, 1990. The EPA ranked the site "Further Assessment Needed Under CERCLA: Lower Priority HRS Evaluation." The LAUSD was unable to allocate money to continue further work. Since the site has been ranked as a low priority, it does not appear to pose an environmental concern.
6. W.C. Hardesty
6052 Shull Street
Location: Approximately ½ mile east-northeast and crossgradient of the subject Site.
Status: The site conducts metal finishing operations and has been referred to U.S. EPA. Based on the site location, it does not appear to pose an environmental concern.
7. Rhone Poulenc Basic Chemicals
4570 Ardine Street
Location: Approximately ½ mile west-northwest and upgradient of the subject Site.
Status: Because the site had a petroleum release to soil only, it does not appear to present an environmental concern.

5.5 Landfills or Solid Waste Disposal Sites

California Integrated Waste Management Board Solid Waste Information System (SWIS) is a list maintained by the California Integrated Waste Management Board as an inventory of both open as well as closed and inactive solid waste disposal facilities and transfer stations. It is unclear when this list was last updated. The following site was included:

1. Salt Lake Transfer Station
9599 Salt Lake Avenue
Location: Approximately 1/4 mile south-southwest and downgradient of the subject Site.
Status: The property is a solid waste disposal site. Since the site has no violations, it does not appear to be an environmental concern.

The State Water Resources Control Board Waste Management Unit Database System (WMUDS/SWAT) is a database for program tracking and inventory of waste management units. It is unclear when this list was last updated. The following site was included:

1. Southeaster Disposal and By-Products
5466 Southern Avenue
Location: Approximately ¼ mile south-southeast of the subject Site.
Status: Since the site has no reported violations, it does not appear to be an environmental concern.

5.6 LUST List

Regional Water Quality Control Board (RWQCB [updated October 1, 1997]) Leaking Underground Storage Tanks (LUST) list, Region 4, provides a list of site names and addresses and types of reported hazardous substance leaks from USTs. The following sites were included:

1. Reisner Metals, Inc. (see discussion above).
2. Arco #5110
5731 East Firestone Boulevard
Location: Approximately 1/4 mile east and crossgradient of the subject Site.
Status: The UST onsite had a release on September 28, 1993. Since the release only impacted soil, it does not appear to pose an environmental concern.
3. McLeod Metals
8980 Kendall Avenue
Location: Approximately 1/4 mile west and crossgradient of the subject Site.
Status: The UST onsite released gasoline on January 15, 1991. Since the local agency has signed off and the site remedial action has been completed or deemed unnecessary, it does not appear to pose an environmental concern.
4. MacLeod Metals Company
9309 Rayo Avenue
Location: Approximately 1/4 mile west-southwest and downgradient of the subject Site.
Status: The UST onsite released diesel fuel that impacted soil only on July 16, 1990. The preliminary site assessment is underway. Since the leak impacted soil only and the site is downgradient, it does not appear to pose an environmental concern.
5. City of Bell Gardens
5614 Shull Street
Location: Approximately 1/4 mile north-northeast and crossgradient of the subject Site.
Status: A UST onsite released diesel fuel on September 3, 1992. The responsible party has taken no action on the leak. Since the site is approximately 1/4 mile and crossgradient from the subject Site, it does not appear to pose an environmental concern.

6. International Window Corporation
5625 East Firestone Boulevard
Location: Approximately 1/4 mile east and crossgradient of the subject Site.
Status: The UST onsite released diesel fuel that impacted groundwater on May 8, 1990. The remediation plan has been developed. Since the site is 1/4 mile east and crossgradient of the subject Site, it does not appear to pose an environmental concern.
7. Armstrong World Industries
5037 Patata Street
Location: Approximately 1/4 mile northwest and crossgradient of the subject Site.
Status: Since the site has been signed off by the lead agency, it does not appear to pose an environmental concern.

5.7 Registered USTs

The Underground Storage Tank database [updated October 15, 1990] is maintained by the State Water Resources Control Board's Hazardous Substance Storage Container Database. The following site was included:

1. Reisner Metals, Inc. *LADPW*
5225 Firestone Place
Location: Formerly at the Site
Status: This reference deals with tanks closed in 1993 by the LADPW and therefore does not appear to pose an environmental concern.

5.8 Emergency Releases

The California Hazardous Material Incident Report System (CHMIRS [updated December 31, 1994]) contains information on reported hazardous materials incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services. The following incidents were listed:

1. Unknown originator
I-710 Freeway
Location: Approximately 1/4 mile east and crossgradient of the subject Site.
Status: Approximately 70 gallons of diesel fuel spilled on March 6, 1989. No other information is available but this does not appear to pose an environmental concern.
2. Dial Corporation
9300 Rayo Avenue
Location: Approximately 1/4 mile west-southwest and downgradient from the subject Site.
Status: Two incidents in 1988 involving air releases of Oleum and chlorine gas on May 27 and September 19, 1988. Since the site is closed and has been signed off by the lead agency, it does not appear to pose an environmental concern.

3. Unknown originator
5702 Firestone Place
Location: Approximately ½ mile east and crossgradient to the subject Site.
Status: 30 gallons of nitric acid were released January 17, 1991. Given the type, location, date, and magnitude of the spill, it does not appear to pose an environmental concern.
4. Unknown originator
8610 South Atlantic
Location: Approximately ½ mile west-northwest and upgradient of the subject Site.
Status: A release of 4 gallons of parathion in February 20, 1991. There is no further information on the spill; however, based on the quantity released and the date, it does not appear to pose an environmental concern.
5. Unknown originator
8958 Kauffman
Location: Approximately ½ mile west and crossgradient to the subject Site.
Status: An unknown quantity of ammonia was released on July 14, 1988. Based on the type, date, and location of the spill, it does not appear to pose an environmental concern.

5.9 Contaminated Wells

The CORTESE database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release, and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information. While there were approximately 20 CORTESE sites identified within one mile of the subject Site, no contaminated public drinking water wells were identified.

5.10 Previous Reports

The following reports were reviewed concerning the subject Site and surrounding sites:

Ami Adini & Associates, Inc. 1990. *Final Closure Report for Underground Oil Storage Tank Removal, Shultz Steel Company, 5321 Firestone Boulevard, South Gate, California*, July 16.

Ami Adini & Associates, Inc. 1990. *Final Closure Report for Underground Fuel Storage Tank Removal, Shultz Steel Company, 5321 Firestone Boulevard, South Gate, California*, November 30.

Harding Lawson Associates. 1997. *Phase II Subsurface Investigation, Lincoln Properties Site, 5225 East Firestone Place, 5311 and 5335 Reisner Way, South Gate, California*. September 25.

Harding Lawson Associates. 1997. *Phase I Environmental Site Assessment, Lincoln Business Center, 5311 and 5335 Reisner Way and 522 Firestone Place, South Gate, California.* October 15.

McLaren/Hart. 1996. *Phase I Environmental Site Assessment of business complex at 5225 East Firestone Place, 5311 and 5335 Reisner Way, South Gate, California,* February 9.

Meredith/Boli and Associates. 1988a. *Closure report for underground tanks, Reisner Metals, Inc., 5225 East Firestone Place, South Gate, California,* April 29.

Meredith/Boli and Associates. 1988b. *Site investigation remedial action report, Reisner Metals, Inc., 5225 East Firestone Place, South Gate, California,* August 22.

Meredith/Boli and Associates. 1988c. *Closure report for quench tanks, Reisner Metals, Inc., 5225 East Firestone Place, South Gate, California,* August 25.

Meredith/Boli and Associates. 1989a. *Soil remedial action report, Reisner Metals, Inc., 5225 East Firestone Place, South Gate, California,* April 14.

Meredith/Boli and Associates. 1989b. *Closure report for forge sumps, Reisner Metals, Inc., 5225 East Firestone Place, South Gate, California,* May 10.

Power Systems Testing Company. 1997. *Maintenance Test Report, Shultz Steel Facility, 5321 Firestone Boulevard, South Gate, California,* December 10.

R.G. Vanderweil Engineers, Inc. and Simpson Gumpertz and Heger, Inc. 1996. *Property condition report, Lincoln Business Center South Gate, 5311 - 5335 Reisner Way and 5225 East Firestone Place, South Gate, California,* February 23.

5.11 Other Searches

5.11.1 Solid Waste Disposal Sites

See discussion above.

5.11.2 Hazardous Waste Sites

EDR provides a list of sites that cannot be mapped due to the lack of available information to precisely identify the Site or its location relative to the subject Site. These sites are listed as "orphan sites." The list was reviewed and none of the orphan sites are expected to have the potential to impact the Site.

The Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database. The following site was included:

1. Dial Corporation
9300 Rayo Avenue
Location: Approximately ¼ mile west-southwest and downgradient of the subject Site.
Status: Since the site is closed and has been signed off by the lead agency, it does not appear to pose an environmental concern.

5.11.3 USGS 7.5-Minute Topographic Map

See discussion in Section 6.6.

5.12 Conclusion

In the surrounding area four properties (within 1 mile of the subject Site) are included on the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database.

Additionally, since the area is predominantly industrial and HLA's previous subsurface investigation did not include groundwater monitoring, the potential exists for groundwater beneath the Site to be contaminated from industrial activities in the area; however, based on the location or regulatory status of each listed facility, this does not appear to be a recognized environmental condition.

This is further substantiated by groundwater monitoring completed by the Dial Corporation immediately downgradient of the subject Site. Dial placed monitoring wells downgradient of SSC to evaluate whether SSC should be included in Dial's groundwater cleanup. Dial's conclusion was that SSC had not released any chemicals to groundwater.

6.0 HISTORICAL USE ANALYSIS

6.1 Narrative

The earliest record for the Site, found by HLA, was a 1932 aerial photograph showing what appeared to be undeveloped land. SSC was founded in 1947 at 5321 Firestone Boulevard. Through a series of plant expansions and acquisitions, SSC facilities grew in size. Portions of the Site utilized as a golf driving range from approximately 1945 to 1977.

From the late 1940s to 1987, Reisner Metals, Inc., owned and operated a steel machinery manufacturing facility at the Site. Three buildings, 5311 and 5335 Reisner Way and 5225 East Firestone Place, were utilized by Reisner metals, as well as a fourth, which was the forge building. The four buildings associated with Reisner Metals were identified at the time as 5225 Reisner Way. Resiner Metals ceased operations in August 1987 and the forge building was demolished in 1988. Site remediation began in 1988, and a closure letter was granted for all Resiner Metals operations and buildings by the Los Angeles County Department of Public Works (DPW), Environmental Programs Division in 1993. Lincoln Property purchased the Reisner Way and East Firestone Place buildings in 1989 and remodeled them for multitenant usage. SSC bought these buildings in 1997 after conducting Phase I and Phase II assessments.

The Ace Tractor Company originally built the building at 5210 Firestone Place. Reisner Metals bought the facility in the late 1950s and operated it until 1985 when the property was purchased by SSC.

The two buildings at 8621 Rayo Avenue were built on previously undeveloped land. The first building was built in approximately 1982. The second building was built in 1992.

6.2 Aerial Photographs

HLA reviewed historical adjacent property use to assess whether prior owners of the adjacent properties may have conducted activities that could pose environmental concerns to the Site (SUCH AS TANKS, OIL SUMPS, ETC...). HLA's research included obtaining and reviewing copies of aerial photographs. Included

here are discussions of aerial photographs reviewed in HLA's *Phase I Site Assessment, Lincoln Business Center* and well as additional photographs reviewed here for 1954, 1960, 1970, 1979, 1986, 1988, 1992, 1993, 1995, and 1997.

YEAR	OBSERVATIONS/FINDINGS	SOURCE
1930-1939	<p>North: Undeveloped vacant land with what appear to be dirt roads</p> <p>East: Los Angeles River – unlined</p> <p>South: Mostly undeveloped vacant land with three small buildings</p> <p>West: Undeveloped vacant land with what appear to be dirt roads</p>	1932 aerial photograph
1950-1959	<p>Site: Appears to be one large industrial building similar to one of the present-day Shultz Steel buildings. The Reisner forge building appears in the photograph. The golf driving range is also evident.</p> <p>North: Railroad tracks, north of which is undeveloped vacant land</p> <p>East: Los Angeles River – unlined</p> <p>South: What appears to be a lumber yard. The Dial property has a small number of buildings on it.</p> <p>West: What appear to be railroad cars, a drive-in movie theater, and one building similar in shape to the current Arnco Building.</p>	1954 aerial photograph
1960-1969	<p>Site: Same as previous photograph.</p> <p>North: Same as previous aerial photograph</p> <p>East: Los Angeles River is lined</p> <p>South: Dial property has added a large parking lot and above-ground tanks.</p> <p>West: Same as previous aerial photograph</p>	1962 aerial photograph

YEAR	OBSERVATIONS/FINDINGS	SOURCE
1970-1979	<p>Site: An additional building on the SSC property, Reisner Metals has two separate buildings on Reisner Way.</p> <p>North: Same as previous aerial photograph</p> <p>East: Same as previous aerial photograph</p> <p>South: Dial property has added a new warehouse.</p> <p>West: Same as previous aerial photograph</p>	1970 aerial photograph
	<p>Site: Same as previous aerial photograph.</p> <p>North: Same as previous aerial photograph.</p> <p>East: Same as previous aerial photograph</p> <p>South: Same as previous aerial photograph</p> <p>West: Same as previous aerial photograph</p>	1979 aerial photograph
1980-1989	<p>Site: New high bay buildings at SSC Property. One new building at 8621 Rayo Avenue..</p> <p>North: Same as previous aerial photograph</p> <p>East: Same as previous aerial photograph</p> <p>South: Dial property has added new above-ground tanks</p> <p>West: Same as previous aerial photograph</p> <p>Site: New office area at SSC property.</p> <p>North: Same as previous aerial photograph.</p> <p>East: Same as previous aerial photograph</p> <p>South: Dial property appears very active – multiple rail cars and trucks.</p> <p>West: Same as previous aerial photograph</p>	<p>1986 aerial photograph</p> <p>1988 aerial photograph</p>

YEAR	OBSERVATIONS/FINDINGS	SOURCE
1990- present	Site: Reisner Metals forge building has been demolished. Facility similar to present day facility.	1992 aerial photograph
	North: Same as previous aerial photograph	
	East: Same as previous aerial photograph	
	South: Same as previous aerial photograph	
	West: Same as the previous aerial photograph, except a large rectangle building has been built where the drive-in movie theater was located.	
	Site: Additional building at Reisner Way.	1993 aerial photograph
	North: Same as previous aerial photograph	
	East: Same as previous aerial photograph	
	South: Dial property appears to have limited activity.	
	West: Same as the previous aerial photograph.	
	Site: Similar to present day facility. Grinding area not covered.	1995 aerial photograph
	North: Same as previous aerial photograph, except the undeveloped land to the north of the railroad tracks appears to have six trailers.	
	East: Same as previous aerial photograph	
	South: Dial property looks vacant.	
	West: Same as previous aerial photograph, except a large rectangle building has been built where the drive-in movie theater was located.	
	Site: Site looks similar to present day facility. New extension on grinding area. Construction has not started on the new 35,000 ton press.	1997 aerial photograph

YEAR	OBSERVATIONS/FINDINGS	SOURCE
	<p>North: Same as the previous aerial photograph</p> <p>East: Same as previous aerial photograph</p> <p>South: Dial property has been demolished and appears paved.</p> <p>West: Same as the previous aerial photograph</p>	

6.3 Fire Insurance Maps

No SANBORN maps were available for the Site.

6.4 Property Tax Files

HLA reviewed the TRW-REDI parcel list. The assessor's parcel number for 5321 East Firestone Boulevard are 6216-036-010, 6216-037-020, and 6216-037-030. The assessor's parcel number for 5210 Firestone Place is 6216-037-022. The assessor's parcel number for 5225 East Firestone Place is 6216-037-032. The assessor's parcel numbers for 5311 Reisner Way are 6216-037-029 and 6216-037-031. The assessor's parcel number for 5335 Reisner Way is 6216-037-026. The assessor's parcel number for 8621 Rayo Avenue is 6216-036-013.

6.5 Recorded Land Title Records

HLA did not review a chain of title as part of this project.

6.6 USGS 7.5 Minute Topographic Map

The Site is approximately 105 feet above mean sea level on predominantly flat ground. The slope is minimal. The United States Geological Survey (USGS) 7.5-minute topographic map of the South Gate quadrangle indicates that the ground surface in the Site vicinity slopes generally to the southeast. Stormwater generated on the Site enters the storm drainage system located throughout the Site and along the perimeter of the property. Stormwater generated offsite on the adjacent properties is collected in a similar fashion; therefore, it is unlikely that stormwater generated on the adjacent properties would impact the Site. A telephone conversation with the

South Gate Building and Safety Department indicated the Site is not located a in a 100-year flood plain. The source of this information is Community Panel number 060163-0005A.

6.7 Local Street Directory

HLA did not review a local street directory as part of this project.

6.8 Other Sources

HLA reviewed records at the South Coast Air Quality Management District. SSC has the following permitted equipment: 28 furnaces, 1 heat exchanger, 3 abrasive blasting machines, 1 abrasive blasting room with 2 abrasive blasting nozzles, 3 bag-houses, and 2 underground storage tanks and fuel dispensing nozzles. Air Nail has permitted 13 paint coating dip tanks.

HLA reviewed records at the Los Angeles County Fire Department. SSC lists storage of gasoline, diesel, motor oil, hydraulic oil, grinding dust, and propane. Air Nail lists storage of acetylene, lubricating oil, kerosene, waste oil, oxygen, and air nail coating (with 1,1,1-trichloroethane).

6.9 Building Department Records

Most building department records are included in the Appendix C.

6.10 Zoning/Land Use Records

The property is zoned for heavy industry according to the TRW-REDI list.

7.0 ASBESTOS SAMPLING

7.1 Sampling Strategy

Based on the age of the facility, HLA recommended sampling building materials to evaluate the presence of asbestos containing material (ACM). HLA performed a visual survey to identify the types and locations of building materials known to contain or suspected of containing asbestos. HLA then quantified and assessed the condition of the materials as described in this section. After identifying homogeneous materials suspected to contain asbestos, HLA collected additional bulk samples, which were submitted to qualified laboratories for analysis by polarized light microscopy (PLM).

Asbestos-containing material (ACM) identified during the building survey was assessed according to protocol described in EPA's *Guidance for Assessing and Managing Exposure to Asbestos in Buildings* (EPA 560/5-85-024, June 1985). The protocol evaluates the risk of exposure to airborne asbestos fibers by assessing the condition of each ACM and the potential for that ACM to be disturbed and generate fibers.

HLA collected 51 bulk samples (11 samples from 8620 Rayo Avenue, 19 samples from the 5321 Firestone Boulevard office area, 6 samples from 5210 Firestone Place, and 15 from 5321 Firestone Boulevard by wetting the suspect material with amended water and cutting or scraping it from its substrate using an appropriate sampling tool. Sampling tools were cleaned before and after each use to prevent cross contamination of samples.

7.2 Inspector Information

This survey was conducted by Certified Asbestos Consultant Dave Weber (CAC# 97-2271) assisted by Certified Site Surveillance Technician Christopher Logan (CSST# 94-1581).

7.3 Date and Location of Sampling

The survey was conducted on September 4, 1998, at Shultz Steel Company located at 5210 and 5321 Firestone Boulevard, and 8621 Rayo Avenue, Southgate, California.

7.4 Asbestos Sample Classification

Each sample was assigned a unique number, placed in an airtight plastic container, and transported to the laboratory accompanied by chain-of-custody records. Samples were taken from the following: the 2nd floor engineer's office and inspector's office of 8620 Rayo Avenue; the conference room, hallway, restrooms, office, and exterior of 5321 Firestone Boulevard; the pipe insulation in the furnace of 5210 Firestone Place; and the 5321 Firestone Boulevard engineering office, telephone equipment room, main office, A/C office and plant office of 533. Please refer to Appendix D for a list of samples and their results.

7.5 Laboratory Methodology

Bulk samples of suspected ACM were examined under a stereomicroscope to identify suspect fibers. A polarized light microscope equipped with a dispersion staining objective lens was used to determine which of the suspect fibers were asbestos. The various asbestos minerals were identified on the basis of their unique optical characteristics. Reported asbestos percentages were based on visual volume estimates.

7.5.1 Analytical Laboratory

Bulk samples were analyzed by Micron Environmental laboratories, Duarte, California. Micron holds a NIST/NVLAP Accreditation No. 200294-0, and American Industrial Hygiene Association Registration No.2011.

7.5.2 Chain-of-Custody

Chain-of-custody protocol included recording sample information on a log that denotes the sample number, material, location, quantity, friability, and condition, air erosion, contact and vibration codes. The chain-of-custody form was completed with the job number, number of samples, analysis requested, signature of release by HLA, and signature of receipt by the laboratory.

7.5.3 Analysis Method

Bulk samples were analyzed by PLM using EPA Method 600/M4-82-020 in accordance with 40 CFR 763.

7.5.4 Detailed Asbestos Types

Of the many fibrous mineral species, six are regulated by the U.S. government: chrysotile, amosite, crocidolite, anthophyllite, tremolite, and actinolite. Chrysotile is native to North America and belongs to the mineral family of serpentines, which tend to be long and curly. The other five types of fibrous minerals belong to the amphibole family, which tend to be shorter and very straight. Of the amphiboles, amosite and crocidolite are most commonly found in building materials.

The 13 samples that contained ACMs contained chrysotile ranging from 10 percent to less than 1 percent.

7.6 Results

Asbestos was found in 13 of 51 samples. The percentage of chrysotile in the positive samples ranged from less than 1 to 10 percent. Asbestos was detected in the materials described in the following table. The ACMs were observed to be in fair to good condition at the time of the survey. Please refer to Appendix C for a complete list of samples and their results.

ACM Sample Results Shultz Steel Corporation September 1998 Survey			
Number of Samples	Material	Location	Percent Chrysotile
2	12"x12" beige/orange with fissures resilient floor tile and associated mastic (100 sf)	5210 Firestone Place Office	10 Percent
2	12" x 12" brown resilient floor tile and associated mastic (200 sf)	5210 Firestone Place Hallway	10 Percent
2	12" x 12" beige with fissures resilient floor tile and associated mastic (75 sf)	5210 Firestone Place Women's Restroom	10 Percent

1	Sink undercoating (1 sink)	5210 Firestone Place	Less than 1 percent
4	Exterior stucco on the east wall, northwest corner, east wall, and southwest corner (1,900 sf)	5210 Firestone Place	Less than 1 percent
1	Mastic associated with a 12" x 12" cream resilient floor tile (430 sf)	5321 Firestone Boulevard Telephone equipment room	10 Percent
1	Mastic associated with 12" x 12" brown resilient floor tile (52 sf)	5321 Firestone Boulevard Remote Office Area	10 Percent

7.7 Previous Survey

An asbestos survey was conducted in October 1997 by HLA at 5225 East Firestone Place, 5311 and 5335 Reisner Way. Asbestos was found in 10 of the 177 samples. All of the samples tested for chrysotile and the percentage of chrysotile in the positive samples ranged from less than 1 percent to 10 percent. These ACMs also appeared to be in good condition and not likely to release fibers into the air.

ACM Sample Results Shultz Steel Corporation October 1997 Survey			
Number of Samples	Material	Location	Percent Chrysotile
6	The soft black tar around skylights and on black-gray tar on the parapet wall on the north, south, and west side)	5311 Reisner Way Roof	10 Percent

3	Black-gray tar on the parapet wall on the north, south, and east side of the roof.	5335 Reisner Way Roof	10 Percent
1	Joint compound	5225 East Firestone Place	<0.1 Percent

8.0 FINDINGS AND CONCLUSION

8.1 Property Use

HLA has conducted an ESA for Freemont Investments for the Shultz Steel Company (SSC) located at 5321 Firestone Boulevard, 5210 Firestone Place, 5225 East Firestone Place, 5311 and 5335 Reisner Way, and 8621 Rayo Avenue in South Gate, California. The ESA was performed in accordance the ASTM E 1527-97 guidance document, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The ESA encompassed a historical records and regulatory records review, interviews with persons familiar with the Site, a walkthrough Site inspection and driveby surrounding area reconnaissance, and report preparation summarizing our conclusions and recommendations. The ESA did not include an evaluation of the ecological resources of the Site.

SSC is a manufacturer of custom forgings. SSC uses a variety of presses and hammers to forge non-ferrous metals. SSC was founded in 1947 at 5321 Firestone Boulevard and through a series of plant expansions and acquisitions, SSC facilities grew in size to seven buildings on approximately 23 acres.

8.2 Environmental Issues

The review of historical information and regulatory files for the Site and Government Database review for the surrounding area indicates the following potential environmental conditions:

- Asbestos was found in 23 of 228 samples (gathered in September 1998 and October 1997). The percent chrysotile ranged from less than 1 percent to 10 percent. The ACMs from the Site appear to be in fair to good condition and do not appear likely to release fibers into the air. Therefore, the presence of asbestos at the Site would not be considered a recognized environmental condition. HLA recommends an asbestos operations and maintenance plan be developed for management of the ACM at the Site.
- Potential environmental conditions associated with SSC operating a custom forging and heavy manufacturing facility. These include petroleum associated with underground and aboveground storage tanks and sumps, incidental spillage of petroleum products and wastes associated with these activities. This is mitigated by several factors. First, the tanks at SSC all appear to be in good condition and in

Put more info. HLA reviewed reports etc. during site assessment and remediation phase 1992-1997

Finding and Conclusion

compliance with current regulations. The two underground tanks were recently relocated and were successfully leak tested. Second, the Site is entirely paved and stormwater from the Site is monitored regularly thus minimizing the chance of a surface release. Third, a ^{an} outside party (Dial Corporation) placed monitoring wells downgradient of SSC to evaluate whether SSC should be included in Dial's ^{site} groundwater cleanup. Dial's conclusion was that SSC had not released any chemicals to groundwater. Thus, the chances of a chemical release from the Site appear minimal; however, it is impossible to exclude a release without a soil and groundwater sampling program.

- From the late 1940's to 1987, Reisner Metals, Inc., owned and operated a steel machinery manufacturing facility at the Site (5311 and 5335 Reisner Way and 5225 East Firestone Place, as well as a forge building which Reisner Metals demolished). Reisner Metals had seven underground storage tanks, seven subsurface vaults, nine subsurface sumps, and four quench tanks. The Los Angeles Department of Public Works (LADPW) granted closure on all former Reisner Metals operations in 1993, thus this does not appear to be a recognized environmental condition. *HLA reviewed these site assessment reports in early 1997 and found them to be consistent with this finding.*
- The storage of hazardous materials/wastes associated with the current tenant (Air Nail) and previous tenants that operated onsite do not appear to be a recognized environmental condition since the results of HLA's previous subsurface investigation indicate the soils onsite are not impacted with petroleum hydrocarbons, VOCs, MTBE, metals, or organic lead. *After removal of these materials, according to the LADPW, there is no further action to be taken.*
- In the surrounding area four properties (within 1 mile of the subject Site) are included on the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database. Additionally, since the area is predominantly industrial and HLA's previous subsurface investigation did not include groundwater monitoring, the potential exists for groundwater beneath the Site to be contaminated from industrial activities in the area; however, based on the location or regulatory status of each listed facility, this does not appear to be a recognized environmental condition. *1997*

8.3 Recommendations

- HLA recommends an asbestos operations and maintenance plan be developed for management of the ACM at the Site.

- The chances of an environmental release from the Site appear minimal; however, it is impossible to exclude an environmental release without a sampling program.

9.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONAL

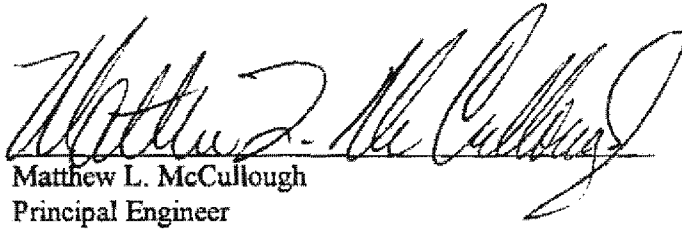
Subject Property: Shultz Steel Company
5321 East Firestone Boulevard
5210 Firestone Place
5225 East Firestone Place
5311 and 5335 Reisner Way and
8621 Rayo Avenue
South Gate, California

Consultant: Harding Lawson Associates HLA Project No. 40210 1

This report has been prepared by the staff of Harding Lawson Associates for Freemont Investments under the professional supervision of the principal and/or senior staff whose seal and signature appear hereon. Neither HLA nor any staff member assigned to this investigation has any interest or contemplated interest, financial or otherwise, in the subject or surrounding properties, or in any entity which owns, leases, or occupies the subject or surrounding properties or which may be responsible for environmental issues identified during the course of this investigation, and has no personal bias with respect to the parties involved.

The information contained in this report has received appropriate technical review and approval. The conclusions represent professional judgments and are founded upon the findings of the investigations identified in the report and the interpretation of such data based on our experience and expertise according to the existing standard of care. No other warranty or limitation exists, either express or implied.

The investigation was prepared in accordance with Freemont Investment's Phase I Environmental Site Assessment scope of work for use and benefit of Freemont Investments, its successors, and assignees. It is based, in part, upon documents, writings, and information owned, possessed, or secured by Freemont Investments. Neither this report nor any information contained herein shall be used or relied upon for any purpose by any other person or entity without the express written permission of Freemont Investments.



Matthew L. McCullough
Principal Engineer

10.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Matthew L. McCullough, P.E.

Principal Engineer

Summary

Mr. McCullough has 13 years of experience as a chemical engineer and project manager. He has demonstrated expertise in developing cost-effective remediation strategies and designs for both complex and straightforward situations. Mr. McCullough has managed over 80 professionals and annual budgets of over \$15 MM. He has served as an expert witness on two cases and provided litigation support on a variety of other cases. Mr. McCullough has played key roles on three of the most significant Superfund sites in California (a former pesticide manufacturing facility, a former solid rocket motor manufacturer, and a solvent and chemical recycling facility). Mr. McCullough has authored 30 publications on environmental issues, holds one patent, received two Technical Excellence awards, and is on the board of editors of *Remediation* magazine. His project experience includes • groundwater and soil remediation, including geology and hydrogeology • environmental chemical fate-and-transport analysis • health and environmental risk assessment • engineering design and construction management • DNAPL and LNAPL recovery • expert witness and witness preparation • regulatory interface, negotiations, and permitting • wastewater treatment • air resources management • system and operations analysis. His design experience includes • vapor extraction systems • catalytic and thermal oxidizers • pump-and-treat • bioremediation • activated carbon systems • air sparging • solidification and stabilization • chemical precipitation • chemical reduction.

Registration and Certification

Professional Engineer, Chemical Engineering - California 1991, No. CH4673

Training

OSHA and EPA forty-hour safety training course
OSHA and EPA eight-hour site supervisor training course

Education

M.S., Chemical Engineering, Yale University, 1985
B.S., Chemical Engineering, University of California, San Diego, 1984

Memberships

American Institute of Chemical Engineers

Representative Projects

Technology evaluation and research, former solid-fuel rocket booster manufacturing facility, Los Angeles, California – Lead chemical engineer for the evaluation of new technologies to remediate perchlorate ion in a large chlorinated solvent, organic chemical, and inorganic salt groundwater plume. Project includes a pilot-scale treatability study of a process to treat perchlorate ion at very low concentrations and research on the fate of chemicals in the environment. Client: Confidential PRP committee

Petroleum remediation, Calexico, California. Project manager and design engineer for a large free-product remediation at a former service station. Client: Brobeck, Phleger, & Harrison

Remediation and closure, former gasoline service stations, various southern California locations - Project manager and lead design engineer for aboveground and *in situ* vapor extraction systems at services stations throughout southern California. Closure achieved in as little as 6 months. Client: Confidential petroleum companies

Remediation, former barrel recycling facility, Santa Fe Springs, California - Implemented a turnkey remedial action for site contamination including halogenated and nonhalogenated solvents, TPH, PCBs, heavy metals, and ketones. Activities included design, fabrication, vapor extraction system, and groundwater monitoring. Coordinated site activities with regional investigations conducted by the City of Santa Fe Springs. Client: Confidential manufacturer

Groundwater feasibility summary, former pesticide manufacturing facility, Torrance, California - Served as project manager for the groundwater feasibility summary at a former pesticide manufacturing facility, a CERCLA site. Interfaced with USEPA, DTSC, RWQCB, NOAA, and various local agencies to negotiate acceptance of the selected remedial alternative. Participated in interface and communication with surrounding community in conjunction with the legal counsel. Client: Montrose Chemical Company

Emergency Drum Removal Action, former solvent and chemical recycling facility, Whittier, California – Served as Overall Principal-in-Charge for removal of over 4,000 drums of unknown materials from a site under a federal search and seizure warrant. All work was conducted in level B and at night to minimize health and safety issues. Client: Confidential PRP Committee

Oil field remediation program, Santa Fe Springs, California – Lead Engineer for the excavation and bioremediation of nonhazardous crude oil impacted soil. Project included historical assessment and location of 60 former production wells and 10 sumps on 60 acres, site characterization, biological treatability study, excavation and segregation of 80,000 cubic yards of material, design and construction of two biocells, operation of the biocells, confirmation sampling, and regulatory closure. Project was completed in 12 months and achieved significant cost savings over conventional treatment methods. Client: SFP Development Company

Bioremediation of petroleum impacted soil, Los Angeles, California – Lead Engineer for remediation of 200,000 cubic yards of petroleum impacted soil in a storm water retention basin at a major southern California refinery. Project included biological treatability study, baseline characterization, evaluation of various mixing and handling techniques, operation of the biocell, and closure reporting. Client: Mobil Oil Company

Site assessment and FHP remediation, Los Angeles International Airport - Technical Consultant for large soil and groundwater characterization, soil remediation, and FHP remediation project for jet fuel storage facilities at Los Angeles International Airport. Designed and implemented soil excavation and treatment workplan, groundwater monitoring and sampling program, and FHP recovery program. Client: LAXFUEL Corporation

Petroleum transfer/recycling site, Santa Fe Springs, California - Technical Consultant for removal actions and remedial investigation/feasibility study for 21-acre State Superfund site, formerly used for storage of crude oil, refined product and waste oil, and storage/disposal of oil field drilling fluids. Work included sampling of drums and tanks, removal from site, and initiation of remedial investigation to characterize soil containing petroleum hydrocarbons, PCBs, and heavy metals. All work is being performed under the oversight of the California Department of Toxic Substances Control. Client: Texaco

Regulatory interface and negotiation, various locations throughout the United States - Successfully negotiated cleanup levels and remedial actions with Federal and State regulatory agencies, including the USEPA, DTSC, RWQCB, LACFD, OCHCA, SDHMM, SDCFD, as well as agencies in the States of Kentucky and Texas. Contaminants of concern have included carcinogens and high priority chemicals such as pesticides, solvents, lead, chromium, benzene, and vinyl chloride. Also provided technical support and representation for clients charged with violations of the Clean Water Act, Clean Air Act, California Proposition 65, and the Community Right-to-Know provisions of SARA. Client: Various clients

Mixed solvent site characterization and remediation program, Newbury Park, California - Technical Consultant for the characterization and remediation of halogenated and non-halogenated solvents and ketones at a former aerospace manufacturing facility. Program includes development of an overall strategic plan for the site, integration of over 10 years of technical data, evaluation of multiple flow zones, DNAPL and LNAPL, optimization of the groundwater remediation system, and incorporation of soil remediation programs. Groundwater remediation program utilizes a 55 gpm capacity air stripping system with regenerative carbon adsorption. Client: Northrop Aircraft Corporation

Chlorinated hydrocarbon site characterization and remediation program, Anaheim, California - Technical consultant for the characterization and remediation of TCE-impacted soil and groundwater and DNAPL at a 5-acre former printed circuit board manufacturing facility. Soil remediation is currently underway using soil vapor extraction and a refrigeration unit for vapor treatment. Groundwater characterization and containment system design are currently being conducted. All characterization and remediation work is being regulated by the RWQCB, Santa Ana Region. Client: Aero DDL

Chlorinated hydrocarbon site characterization and remediation program, Placentia, California - Technical Consultant for the characterization and remediation of PCE-impacted soil, groundwater, and DNAPL at an adhesives and coating manufacturing facility. Program includes the preparation of soil and groundwater characterization workplans; remediation feasibility studies; remedial action plans; design of soil vapor remediation program including equipment design, installation, and operation of a

600 cfm capacity regenerative carbon absorption unit; design of groundwater remediation program including equipment design, installation, and operation of a 700 gpm capacity carbon absorption unit; regulatory agency interaction; and permitting. Client: Confidential Chemical Company

Former tire and rubber manufacturing facility, South Gate, California - Technical Consultant for removal actions and remedial investigation/ feasibility study for a 61 acre State supported site. Work included an extensive site history review to document activities and chemical uses over a 70 year history. A RI/FS workplan is being developed to assess soil and groundwater condition at the site. All work is being performed under the oversight of the California Department of Toxic Substances Control. Client: Confidential Manufacturer

Chlorinated hydrocarbon site, characterization and remediation program, San Fernando Valley, Los Angeles, California - Technical Consultant for the characterization and remediation of PCE-impacted soil and groundwater at this 50 acre former manufacturing facility. All characterization and remediation work is being regulated by the RWQCB, Los Angeles Region. Client: Confidential Developer

Phase II remedial investigation workplan, chemical manufacturing facility, Port Arthur, Texas - Prepared a Phase I audit and a Phase II remedial investigation workplan for remediation of halogenated solvents and pesticides at a 50-year old chemical manufacturing facility. Client: Arco Petroleum

Site characterization, manufacturing facility, City of Industry, California - Technical consultant for remediation of chlorinated hydrocarbons in soil and groundwater. Designed subsurface investigative program to identify migration pathways controlling contaminant movement. Work was performed under the oversight of the Regional Water Quality Control Board and the California Department of Toxic Substances Control. Client: Confidential

Chemical repackaging facility, Los Angeles, California - Technical Consultant for State Superfund remedial investigation/feasibility study to assess the extent of soil and groundwater contamination and DNAPL, consisting of various organic solvents, and acid and caustic solutions. Client: Confidential Chemical Manufacturer

Soil remediation and regulatory negotiation, pesticide manufacturing facility, Los Angeles, California - Project Manager for soil remediation of 17 pesticides in soil. Activities included providing technical strategy for dealing with enforcement actions. Client: Confidential chemical company

Negotiation with regulatory agencies for acceptance of closure plan, Colton, California - Negotiated the closure plan for a RCRA, Part B hazardous waste incinerator. Project included development of process alternatives for post-closure waste handling, including facility design changes and feasibility. Client: Confidential chemical manufacturer

Air emissions modeling and emissions risk assessment, various locations, California - Project Manager for air emissions modeling of the migration and impacts of emissions from various facilities throughout California. Modeling activities included the use of ISCST, ISCLT, COMPLEX1, and SCREEN. Sources included point sources and area sources of gaseous and particulate emissions. Regulatory interfaces include the Clean Air Act (CAA), Proposition 65, and AB 2588. Clients: Various confidential clients.

Emission inventories, various locations, California - Project manager for emissions inventories for a variety of industrial facilities in California. Utilized mass balances, predictive modeling, emission factors, and source testing to estimate emissions from point and area sources for a variety of industries. Client: Confidential

Monitoring requirement negotiations, various sites in Los Angeles, Orange, and Riverside Counties - Successfully negotiated a reduction in monitoring requirements for soil vapor extraction treatment systems throughout the Southern California Air Quality Management District. Negotiated for use of alternative monitoring equipment on treatment systems that resulted in a substantial cost savings for a number of clients. Client: Various clients

Facility closure, former hinge manufacturing facility, Los Angeles, California - Managed project team to implement facility closure of a 45-year old, 6,000-square-foot plating shop and chemical storage facility. Closure was completed in 19 working days; an environmental damages suit by the landlord was dropped citing the excellent closure as the direct reason. Chemicals included heavy metals, halogenated and non-halogenated solvents, inorganic acids and bases. Client: Confidential law firm

Remedial investigation, remediation, and closure, aircraft engine refurbishing facility, San Diego, California - Managed project team through all phases of site investigation and remediation. Activities included remedial investigation, removal of six underground storage tanks, demolition and decontamination of a 9,500-square-foot plating and chemical cleaning line, decontamination of a 20,000-square-foot engine test area, removal of 2,500 tons of heavy-metal petroleum- and halogenated solvent-contaminated soil, abatement of 30,000 pounds of lead-laden dust, and removal of asbestos-containing material. Negotiated health-based cleanup levels for soil to achieve closure. Remedial pilot studies evaluated soil washing and stabilization for treatment of heavy-metal contaminated soil. Client: US Air

Soil remediation and site closure, former printing facility, City of Industry, California - Negotiated the closure of a small in situ vapor extraction system for halogenated solvents located within the boundaries of a Superfund study area. Activities included design evaluation, soil-gas surveys, confirmatory sampling, and regulatory interface. Client: Media General

Groundwater feasibility study, former pesticide manufacturing facility, Torrance, California - Served as project manager for the groundwater feasibility study at a former pesticide manufacturing facility, a CERCLA site. Interfaced with USEPA, DTSC, RWQCB, NOAA, and various local agencies to negotiate acceptance of the selected remedial alternative. Participated in interface and communication with surrounding community in conjunction with the legal counsel. Client: Confidential chemical company

Soil and groundwater investigation and remediation, former medical device manufacturing facility, Irvine, California - Managed project team implementing innovative technologies to remediate heavy clay soil and a confined aquifer. Vapor extraction was used to remediate soil. Groundwater studies evaluated a passive abiotic/biotic dehalogenation system. An interim pump-and-treat system incorporating dual extraction was ultimately selected because of high groundwater velocity and plume migration. Client: Confidential medical device manufacturer

Soil remediation, former industrial facility, Pasadena, California - Served as project manager for turnkey remediation of soil contaminated with heavy metals, TPH, and halogenated solvents. Activities included excavation, onsite treatment using fixation, and vapor extraction. Client: Confidential law firm

Phase II remedial investigation work plan, chemical manufacturing facility, Port Arthur, Texas - Prepared a Phase I audit and a Phase II remedial investigation work plan for remediation of halogenated solvents at a 50-year old chemical manufacturing facility. Client: Confidential petrochemical company

Research and design of remedial alternatives, Thousand Oaks, California - Researched, designed, and implemented remedial alternatives for soil contaminated with heavy metals and hydrocarbons. Developed several viable remedial techniques. Clients: Confidential aircraft engine manufacturer and confidential petroleum refinery

Soil remediation, copper tube manufacturing facility, Franklin, Kentucky - Served as technical advisor for team conducting the closure of a large (175 extraction wells) in situ vapor extraction system remediation for halogenated solvents. Activities included design evaluation, confirmatory sampling, and agency interface. Client: Confidential petrochemical company

Design of oxidation systems for several hospitals in southern California - Designed catalytic oxidation systems for controlling ethylene oxide. Responsible for supervision of construction and installation of systems. Clients: Riverside Community Hospital, Huntington Memorial Hospital, Los Angeles County Community Hospital

Design and construction oversight of remediation systems, Thousand Oaks, California - Designed and provided oversight of the construction of pilot system to evaluate biological treatment of methyl ethyl ketone in groundwater and chemical oxidation of volatile organic compounds in groundwater. Client: Confidential aerospace manufacturer

Research of reactor designs and audit of oxidizer designs, various locations, southern California - Audited thermal and catalytic oxidizer designs for all phases of regulatory compliance. Client: Confidential petrochemical manufacturer

Wastewater treatment design, San Diego, California - Designed a wastewater treatment facility for treating metal plating wastes at a major southern California aerospace facility. Client: Confidential airline

Chemical systems modeling, various locations, southern California - Conducted extensive research and modeling of nonsteady state chemical systems, including kinetics and heat-transfer phenomena to predict treatment efficiencies and operating characteristics. Modeled nonsteady state heat transfer phenomena to predict treatment efficiencies and operating characteristics. Conducted research of reaction kinetics for complex three-phase chemical systems with applications for remediation of PCB contamination. Clients: Confidential petrochemical and medical device manufacturers

Waste minimization audit, San Diego, California - Conducted a waste minimization audit of an aerospace plating facility. The audit reduced dragout by 40 percent and water usage by 50 percent with no impact on product quality and no major capital expense. Also conducted a source reduction program to meet pretreatment requirements. Client: Confidential airline

Publications

- 1995. Technologies for remediating contaminated soil onsite. In *Proceedings*, Hazmacon '95, Association of Bay Area Governments.
- 1994. Understanding the regulatory status of contaminated environmental media. *Journal of Environmental Regulation*, vol. 3, no. 4 (with others).
- 1994. Achieving closure of soil vapor extraction systems. *Hazmat World*, February (with J.R. Morabito).
- 1994. Understanding RCRA Corrective Action. *Remediation*, vol. 4, no. 1 (with others).
- 1993. Responding to a finding of violation and order under the Clean Water Act. *Journal of Environmental Regulation*, vol. 3, no. 2 (with others).
- 1993. Closure strategies for soil vapor extraction systems. In *Proceedings*, Superfund XIV, Hazardous Materials Research Control Institute (with J.R. Morabito).
- 1993. Chemical plant demolition and closure: A case study in remediation management. In *Proceedings*, Superfund XIV, Hazardous Materials Research Control Institute (with others).
- 1993. Abiotic dehalogenation of chlorinated solvents in groundwater under reductive conditions. In *Proceedings*, Superfund XIV, Hazardous Materials Research Control Institute (with others).
- 1993. Bioremediation of nitrate impacted soil from a fertilizer factory. In *Proceedings*, IGT Symposium on Gas, Oil, and Environmental Biotechnologies (with others).
- 1993. Bench-scale treatability study for the in situ bioremediation of PAHs and PCP from a Florida wood treatment facility. In *Proceedings*, IGT Symposium on Gas, Oil, and Environmental Biotechnologies (with others).
- 1993. RCRA corrective action. In *The Hazardous Waste Regulation Handbook*. New York: Executive Enterprises Publications (with others).
- 1993. Field and laboratory studies of soil washing and flushing for remediating heavy metals, organics, and nitrogenous compounds. In *Proceedings*, American Chemical Society Annual Meeting (with others).
- 1993. Evaluation of remedial options for treatment of heavy metal and petroleum hydrocarbon contaminated soil. In *Remediation*, vol. 3, no. 3, pp. 265-286 (with J.V. Dagdigan).
- 1993. Evaluating regulatory issues and emission control equipment for air toxics applications. In *Remediation*, vol. 2, no. 4, pp. 15-38 (with J.V. Dagdigan).
- 1992. Evaluating soil washing for removing petroleum hydrocarbon and metals contamination. In *Proceedings*, Superfund '92, Hazardous Materials Control Research Institute (with others).
- 1992. An essay on waste source reduction through conservation of process power and water. In *Proceedings*, Minimization and Recycling of Industrial and Hazardous Waste '92, Hazardous Materials Control Research Institute (with others).
- 1992. Developing air compliance programs. In *Proceedings*, 1992 Industrial Environmental Association Annual Conference (with others).
- 1992. Responding to findings of violation and orders pursuant to the Clean Water Act. In *Proceedings*, 1992 Industrial Environmental Association Annual Conference (with others).

- 1992. Evaluating the economics and effectiveness of source reduction options in metal finishing. In *Proceedings*, American Electroplaters and Surface Finishers Annual Meeting 1992.
- 1992. Remedial alternatives for removing semi soluble organic compounds from groundwater: Evaluating elevated temperature air stripping and biological filtration. In *Proceedings*, A&WMA 85th Annual Meeting, Air and Waste Management Association (with D.X. Dineen).
- 1992. Modeling innovative vapor extraction techniques applied for in situ remediation of volatile organic compounds in soil and groundwater. In *Proceedings*, A&WMA 85th Annual Meeting, Air and Waste Management Association.
- 1992. Evaluating the effectiveness of alternatives to ozone depleting compounds. In *Proceedings*, A&WMA 85th Annual Meeting, Air and Waste Management Association (with D. Gold).
- 1992. System modeling and design analysis of fixed-bed catalytic reactor designs for controlling air toxic emissions. In *Proceedings*, A&WMA 85th Annual Meeting, Air and Waste Management Association.
- 1992. Optimizing emission control equipment designs for controlling air toxic emissions. In *Proceedings*, Hazmat International 1992, Environmental Hazards Management Institute.

Matthew L. McCullough, P.E.

Principal Engineer

Summary

Mr. McCullough has 13 years of experience as a chemical engineer and project manager. He has demonstrated expertise in developing cost-effective remediation strategies and designs for both complex and straightforward situations. Mr. McCullough has managed over 80 professionals and annual budgets of over \$15 MM. He has served as an expert witness on two cases and provided litigation support on a variety of other cases. Mr. McCullough has played essential roles on three of the most significant Superfund sites in California (a former pesticide manufacturing facility, a former solid rocket motor manufacturer, and a solvent and chemical recycling facility). Mr. McCullough has authored 30 publications on environmental issues, holds one patent, received two Technical Excellence awards, and is on the board of editors of *Remediation* magazine. His project experience includes • groundwater and soil remediation, including geology and hydrogeology • environmental chemical fate-and-transport analysis • health and environmental risk assessment • engineering design and construction management • DNAPL and LNAPL recovery • expert witness and witness preparation • regulatory interface, negotiations, and permitting • wastewater treatment • air resources management • system and operations analysis. His design experience includes • vapor extraction systems • catalytic and thermal oxidizers • pump-and-treat • bioremediation • activated carbon systems • air sparging • solidification and stabilization • chemical precipitation • chemical reduction.

Registration and Certification

Professional Engineer, Chemical Engineering - California 1991, No. CH4673

Training

OSHA and EPA forty-hour safety training course
OSHA and EPA eight-hour site supervisor training course

Education

M.S., Chemical Engineering, Yale University, 1985
B.S., Chemical Engineering, University of California, San Diego, 1984

Memberships

American Institute of Chemical Engineers

Representative Projects

Technology evaluation and research, former solid-fuel rocket booster manufacturing facility, Los Angeles, California – Lead chemical engineer for the evaluation of new technologies to remediate perchlorate ion in a large chlorinated solvent, organic chemical, and inorganic salt groundwater plume. Project includes a pilot-scale treatability study of a process to treat perchlorate ion at very low concentrations and research on the fate of chemicals in the environment. Client: Confidential PRP committee

Petroleum remediation, Calexico, California. Project manager and design engineer for a large free-product remediation at a former service station. Client: Brobeck, Phleger, & Harrison

Remediation and closure, former gasoline service stations, various southern California locations - Project manager and lead design engineer for aboveground and *in situ* vapor extraction systems at service stations throughout southern California. Closure achieved in as little as 6 months. Client: Confidential petroleum companies

Remediation, former barrel recycling facility, Santa Fe Springs, California - Implemented a turnkey remedial action for site contamination including halogenated and nonhalogenated solvents, TPH, PCBs, heavy metals, and ketones. Activities included design, fabrication, vapor extraction system, and groundwater monitoring. Coordinated site activities with regional investigations conducted by the City of Santa Fe Springs. Client: Confidential manufacturer

Groundwater feasibility summary, former pesticide manufacturing facility, Torrance, California - Served as project manager for the groundwater feasibility summary at a former pesticide manufacturing facility, a CERCLA site. Interfaced with USEPA, DTSC, RWQCB, NOAA, and various local agencies to negotiate acceptance of the selected remedial alternative. Participated in interface and communication with surrounding community in conjunction with the legal counsel. Client: Montrose Chemical Company

Emergency Drum Removal Action, former solvent and chemical recycling facility, Whittier, California – Served as Overall Principal-in-Charge for removal of over 4,000 drums of unknown materials from a site under a federal search and seizure warrant. All work was conducted in level B and at night to minimize health and safety issues. Client: Confidential PRP Committee

Oil field remediation program, Santa Fe Springs, California – Lead Engineer for the excavation and bioremediation of nonhazardous crude oil affected soil. Project included historical assessment and location of 60 former production wells and 10 sumps on 60 acres, site characterization, biological treatability study, excavation and segregation of 80,000 cubic yards of material, design and construction of two biocells, operation of the biocells, confirmation sampling, and regulatory closure. Project was completed in 12 months and achieved significant cost savings over conventional treatment methods. Client: SFP Development Company

Bioremediation of petroleum impacted soil, Los Angeles, California – Lead Engineer for remediation of 200,000 cubic yards of petroleum impacted soil in a storm water retention basin at a major southern California refinery. Project included biological treatability study, baseline characterization, evaluation of various mixing and handling techniques, operation of the biocell, and closure reporting. Client: Mobil Oil Company

Site assessment and FHP remediation, Los Angeles International Airport - Technical Consultant for large soil and groundwater characterization, soil remediation, and FHP remediation project for jet fuel storage facilities at Los Angeles International Airport. Designed and implemented soil excavation and treatment workplan, groundwater monitoring and sampling program, and FHP recovery program. Client: LAXFUEL Corporation

Petroleum transfer/recycling site, Santa Fe Springs, California - Technical Consultant for removal actions and remedial investigation/feasibility study for 21-acre State Superfund site, formerly used for storage of crude oil, refined product and waste oil, and storage/disposal of oil field drilling fluids. Work included sampling of drums and tanks, removal from site, and initiation of remedial investigation to characterize soil containing petroleum hydrocarbons, PCBs, and heavy metals. All work is being performed under the oversight of the California Department of Toxic Substances Control. Client: Texaco

Regulatory interface and negotiation, various locations throughout the United States - Successfully negotiated cleanup levels and remedial actions with Federal and State regulatory agencies, including the USEPA, DTSC, RWQCB, LACFD, OCHCA, SDHMM, SDCFD, as well as agencies in the States of Kentucky and Texas. Contaminants of concern have included carcinogens and high priority chemicals such as pesticides, solvents, lead, chromium, benzene, and vinyl chloride. Also provided technical support and representation for clients charged with violations of the Clean Water Act, Clean Air Act, California Proposition 65, and the Community Right-to-Know provisions of SARA. Client: Various clients

Mixed solvent site characterization and remediation program, Newbury Park, California - Technical Consultant for the characterization and remediation of halogenated and non-halogenated solvents and ketones at a former aerospace manufacturing facility. Program includes development of an overall strategic plan for the site, integration of over 10 years of technical data, evaluation of multiple flow zones, DNAPL and LNAPL, optimization of the groundwater remediation system, and incorporation of soil remediation programs. Groundwater remediation program uses a 55 gpm capacity air stripping system with regenerative carbon adsorption. Client: Northrop Aircraft Corporation

Chlorinated hydrocarbon site characterization and remediation program, Anaheim, California - Technical consultant for the characterization and remediation of TCE-impacted soil, groundwater, and DNAPL at a 5-acre former printed circuit board manufacturing facility. Soil remediation is currently underway using soil vapor extraction and a refrigeration unit for vapor treatment. All characterization and remediation work was regulated by the RWQCB, Santa Ana Region. Client: Aero DDL

Chlorinated hydrocarbon site characterization and remediation program, Placentia, California - Technical Consultant for the characterization and remediation of PCE-impacted soil, groundwater, and DNAPL at an adhesives and coating manufacturing facility. Program includes the preparation of soil and groundwater characterization workplans; remediation feasibility studies; remedial action plans; design of soil vapor remediation program including equipment design, installation, and operation of a 600 cfm capacity regenerative carbon absorption unit; design of groundwater remediation program

including equipment design, installation, and operation of a 700 gpm capacity carbon absorption unit; regulatory agency interaction; and permitting. Client: Confidential Chemical Company

Former tire and rubber manufacturing facility, South Gate, California - Technical Consultant for removal actions and remedial investigation/ feasibility study for a 61 acre State supported site. Work included an extensive site history review to document activities and chemical uses over a 70-year history. Developed a RI/FS workplan to assess soil and groundwater condition at the site. All work is performed under the oversight of the California Department of Toxic Substances Control. Client: Confidential Manufacturer

Chlorinated hydrocarbon site, characterization and remediation program, San Fernando Valley, Los Angeles, California - Technical Consultant for the characterization and remediation of PCE-impacted soil and groundwater at this 50 acre former manufacturing facility. All characterization and remediation work is being regulated by the RWQCB, Los Angeles Region. Client: Confidential Developer

Phase II remedial investigation workplan, chemical manufacturing facility, Port Arthur, Texas - Prepared a Phase I audit and a Phase II remedial investigation workplan for remediation of halogenated solvents and pesticides at a 50-year old chemical manufacturing facility. Client: Arco Petroleum

Site characterization, manufacturing facility, City of Industry, California - Technical consultant for remediation of chlorinated hydrocarbons in soil and groundwater. Designed subsurface investigative program to identify migration pathways controlling contaminant movement. Work was performed under the oversight of the Regional Water Quality Control Board and the California Department of Toxic Substances Control. Client: Confidential

Chemical repackaging facility, Los Angeles, California - Technical Consultant for State Superfund remedial investigation/feasibility study to assess the extent of soil and groundwater contamination and DNAPL, consisting of various organic solvents, and acid and caustic solutions. Client: Confidential Chemical Manufacturer

Soil remediation and regulatory negotiation, pesticide manufacturing facility, Los Angeles, California - Project Manager for soil remediation of 17 pesticides in soil. Activities included providing technical strategy for dealing with enforcement actions. Client: Confidential chemical company

Negotiation with regulatory agencies for acceptance of closure plan, Colton, California - Negotiated the closure plan for a RCRA, Part B hazardous waste incinerator. Project included development of process alternatives for post-closure waste handling, including facility design changes and feasibility. Client: Confidential chemical manufacturer

Air emissions modeling and emissions risk assessment, various locations, California - Project Manager for air emissions modeling of the migration and impacts of emissions from various facilities throughout California. Modeling activities included the use of ISCST, ISCLT, COMPLEX1, and SCREEN. Sources included point sources and area sources of gaseous and particulate emissions. Regulatory interfaces include the Clean Air Act (CAA), Proposition 65, and AB 2588. Clients: Various confidential clients.

Emission inventories, various locations, California - Project manager for emissions inventories at numerous industrial facilities in California. Used mass balances, predictive modeling, emission factors, and source testing to estimate emissions from point and area sources for a variety of industries. Client: Confidential

Monitoring requirement negotiations, various sites in Los Angeles, Orange, and Riverside Counties - Successfully negotiated a reduction in monitoring requirements for soil vapor extraction treatment systems throughout the Southern California Air Quality Management District. Negotiated for use of alternative monitoring equipment on treatment systems that resulted in substantial cost savings for a number of clients. Client: Various clients

Facility closure, former hinge manufacturing facility, Los Angeles, California - Managed project team to implement facility closure of a 45-year old, 6,000-square-foot plating shop and chemical storage facility. Completed closure in 19 working days; an environmental damages suit by the landlord was dropped citing the excellent closure as the direct reason. Chemicals included heavy metals, halogenated and non-halogenated solvents, inorganic acids and bases. Client: Confidential law firm

Remedial investigation, remediation, and closure, aircraft engine refurbishing facility, San Diego, California - Managed project team through all phases of site investigation and remediation. Activities included remedial investigation, removal of six underground storage tanks, demolition and decontamination of a 9,500-square-foot plating and chemical cleaning line, decontamination of a 20,000-square-foot engine test area, removal of 2,500 tons of heavy-metal petroleum- and halogenated solvent-contaminated soil, abatement of 30,000 pounds of lead-laden dust, and removal of asbestos-containing material. Negotiated health-based cleanup levels for soil to achieve closure. Remedial pilot studies evaluated soil washing and stabilization for treatment of heavy-metal contaminated soil. Client: US Air

Soil remediation and site closure, former printing facility, City of Industry, California - Negotiated the closure of a small in situ vapor extraction system for halogenated solvents located within the boundaries of a Superfund study area. Activities included design evaluation, soil-gas surveys, confirmatory sampling, and regulatory interface. Client: Media General

Groundwater feasibility study, former pesticide manufacturing facility, Torrance, California - Served as project manager for the groundwater feasibility study at a former pesticide manufacturing facility, a CERCLA site. Interfaced with USEPA, DTSC, RWQCB, NOAA, and various local agencies to negotiate acceptance of the selected remedial alternative. Participated in interface and communication with surrounding community in conjunction with the legal counsel. Client: Confidential chemical company

Soil and groundwater investigation and remediation, former medical device manufacturing facility, Irvine, California - Managed project team implementing innovative technologies to remediate heavy clay soil and a confined aquifer. Vapor extraction was used to remediate soil. Groundwater studies evaluated a passive abiotic/biotic dehalogenation system. An interim pump-and-treat system incorporating dual extraction was ultimately selected because of high groundwater velocity and plume migration. Client: Confidential medical device manufacturer

Soil remediation, former industrial facility, Pasadena, California - Served as project manager for turnkey remediation of soil contaminated with heavy metals, TPH, and halogenated solvents. Activities included excavation, onsite treatment using fixation, and vapor extraction. Client: Confidential law firm

Phase II remedial investigation work plan, chemical manufacturing facility, Port Arthur, Texas - Prepared a Phase I audit and a Phase II remedial investigation work plan for remediation of halogenated solvents at a 50-year old chemical manufacturing facility. Client: Confidential petrochemical company

Research and design of remedial alternatives, Thousand Oaks, California - Researched, designed, and implemented remedial alternatives for soil contaminated with heavy metals and hydrocarbons. Developed several viable remedial techniques. Clients: Confidential aircraft engine manufacturer and confidential petroleum refinery

Soil remediation, copper tube manufacturing facility, Franklin, Kentucky - Served as technical advisor for team conducting the closure of a large (175 extraction wells) in situ vapor extraction system remediation for halogenated solvents. Activities included design evaluation, confirmatory sampling, and agency interface. Client: Confidential petrochemical company

Design of oxidation systems for several hospitals in southern California - Designed catalytic oxidation systems for controlling ethylene oxide. Responsible for supervision of construction and installation of systems. Clients: Riverside Community Hospital, Huntington Memorial Hospital, and Los Angeles County Community Hospital

Design and construction oversight of remediation systems, Thousand Oaks, California - Designed and provided oversight of the construction of pilot system to evaluate biological treatment of methyl ethyl ketone in groundwater and chemical oxidation of volatile organic compounds in groundwater. Client: Confidential aerospace manufacturer

Research of reactor designs and audit of oxidizer designs, various locations, southern California - Audited thermal and catalytic oxidizer designs for all phases of regulatory compliance. Client: Confidential petrochemical manufacturer

Wastewater treatment design, San Diego, California - Designed a wastewater treatment facility for treating metal plating wastes at a major southern California aerospace facility. Client: Confidential airline

Chemical systems modeling, various locations, southern California - Conducted extensive research and modeling of nonsteady state chemical systems, including kinetics and heat-transfer phenomena to predict treatment efficiencies and operating characteristics. Modeled nonsteady state heat transfer phenomena to predict treatment efficiencies and operating characteristics. Conducted research of reaction kinetics for complex three-phase chemical systems with applications for remediation of PCB contamination. Clients: Confidential petrochemical and medical device manufacturers

Waste minimization audit, San Diego, California - Conducted a waste minimization audit of an aerospace plating facility. The audit reduced dragout by 40 percent and water usage by 50 percent with no impact on product quality and no major capital expense. Also conducted a source reduction program to meet pretreatment requirements. Client: Confidential airline

Publications

- 1995. Technologies for remediating contaminated soil onsite. In *Proceedings*, Hazmacon '95, Association of Bay Area Governments.
- 1994. Understanding the regulatory status of contaminated environmental media. *Journal of Environmental Regulation*, vol.3, no. 4 (with others).
- 1994. Achieving closure of soil vapor extraction systems. *Hazmat World*, February (with J.R. Morabito).
- 1994. Understanding RCRA Corrective Action. *Remediation*, vol. 4, no.1 (with others).
- 1993. Responding to a finding of violation and order under the Clean Water Act. *Journal of Environmental Regulation*, vol. 3, no. 2 (with others).
- 1993. Closure strategies for soil vapor extraction systems. In *Proceedings*, Superfund XIV, Hazardous Materials Research Control Institute (with J.R. Morabito).
- 1993. Chemical plant demolition and closure: A case study in remediation management. In *Proceedings*, Superfund XIV, Hazardous Materials Research Control Institute (with others).
- 1993. Abiotic dehalogenation of chlorinated solvents in groundwater under reductive conditions. In *Proceedings*, Superfund XIV, Hazardous Materials Research Control Institute (with others).
- 1993. Bioremediation of nitrate impacted soil from a fertilizer factory. In *Proceedings*, IGT Symposium on Gas, Oil, and Environmental Biotechnologies (with others).
- 1993. Bench-scale treatability study for the in situ bioremediation of PAHs and PCP from a Florida wood treatment facility. In *Proceedings*, IGT Symposium on Gas, Oil, and Environmental Biotechnologies (with others).
- 1993. RCRA corrective action. In *The Hazardous Waste Regulation Handbook*. New York: Executive Enterprises Publications (with others).
- 1993. Field and laboratory studies of soil washing and flushing for remediating heavy metals, organics, and nitrogenous compounds. In *Proceedings*, American Chemical Society Annual Meeting (with others).
- 1993. Evaluation of remedial options for treatment of heavy metal and petroleum hydrocarbon contaminated soil. In *Remediation*, vol. 3, no. 3, pp. 265-286 (with J.V. Dagdigan).
- 1993. Evaluating regulatory issues and emission control equipment for air toxics applications. In *Remediation*, vol. 2, no. 4, pp. 15-38 (with J.V. Dagdigan).
- 1992. Evaluating soil washing for removing petroleum hydrocarbon and metals contamination. In *Proceedings*, Superfund '92, Hazardous Materials Control Research Institute (with others).
- 1992. An essay on waste source reduction through conservation of process power and water. In *Proceedings*, Minimization and Recycling of Industrial and Hazardous Waste '92, Hazardous Materials Control Research Institute (with others).
- 1992. Developing air compliance programs. In *Proceedings*, 1992 Industrial Environmental Association Annual Conference (with others).
- 1992. Responding to findings of violation and orders pursuant to the Clean Water Act. In *Proceedings*, 1992 Industrial Environmental Association Annual Conference (with others).

- 1992. Evaluating the economics and effectiveness of source reduction options in metal finishing. In *Proceedings*, American Electroplaters and Surface Finishers Annual Meeting 1992.
- 1992. Remedial alternatives for removing semi soluble organic compounds from groundwater: Evaluating elevated temperature air stripping and biological filtration. In *Proceedings*, A&WMA 85th Annual Meeting, Air and Waste Management Association (with D.X. Dineen).
- 1992. Modeling innovative vapor extraction techniques applied for in situ remediation of volatile organic compounds in soil and groundwater. In *Proceedings*, A&WMA 85th Annual Meeting, Air and Waste Management Association.
- 1992. Evaluating the effectiveness of alternatives to ozone depleting compounds. In *Proceedings*, A&WMA 85th Annual Meeting, Air and Waste Management Association (with D. Gold).
- 1992. System modeling and design analysis of fixed-bed catalytic reactor designs for controlling air toxic emissions. In *Proceedings*, A&WMA 85th Annual Meeting, Air and Waste Management Association.
- 1992. Optimizing emission control equipment designs for controlling air toxic emissions. In *Proceedings*, Hazmat International 1992, Environmental Hazards Management Institute.

11.0 REFERENCES

The following references were used in preparing this report:

California Department of Water Resources. 1961. Bulletin 104.

ENSR. 1997. *Final closure report, The Dial Corporation facility, South Gate, California, May.*

McLaren/Hart. 1996. *Phase I Environmental Site Assessment of business complex at 5225 East Firestone Place, 5311 and 5335 Reisner Way, South Gate, California, February 9.*

Meredith/Boli and Associates. 1988a. *Closure report for underground tanks, Reisner Metals, Inc., 5225 East Firestone Place, South Gate, California, April 29.*

Meredith/Boli and Associates. 1988b. *Site investigation remedial action report, Reisner Metals, Inc., 5225 East Firestone Place, South Gate, California, August 22.*

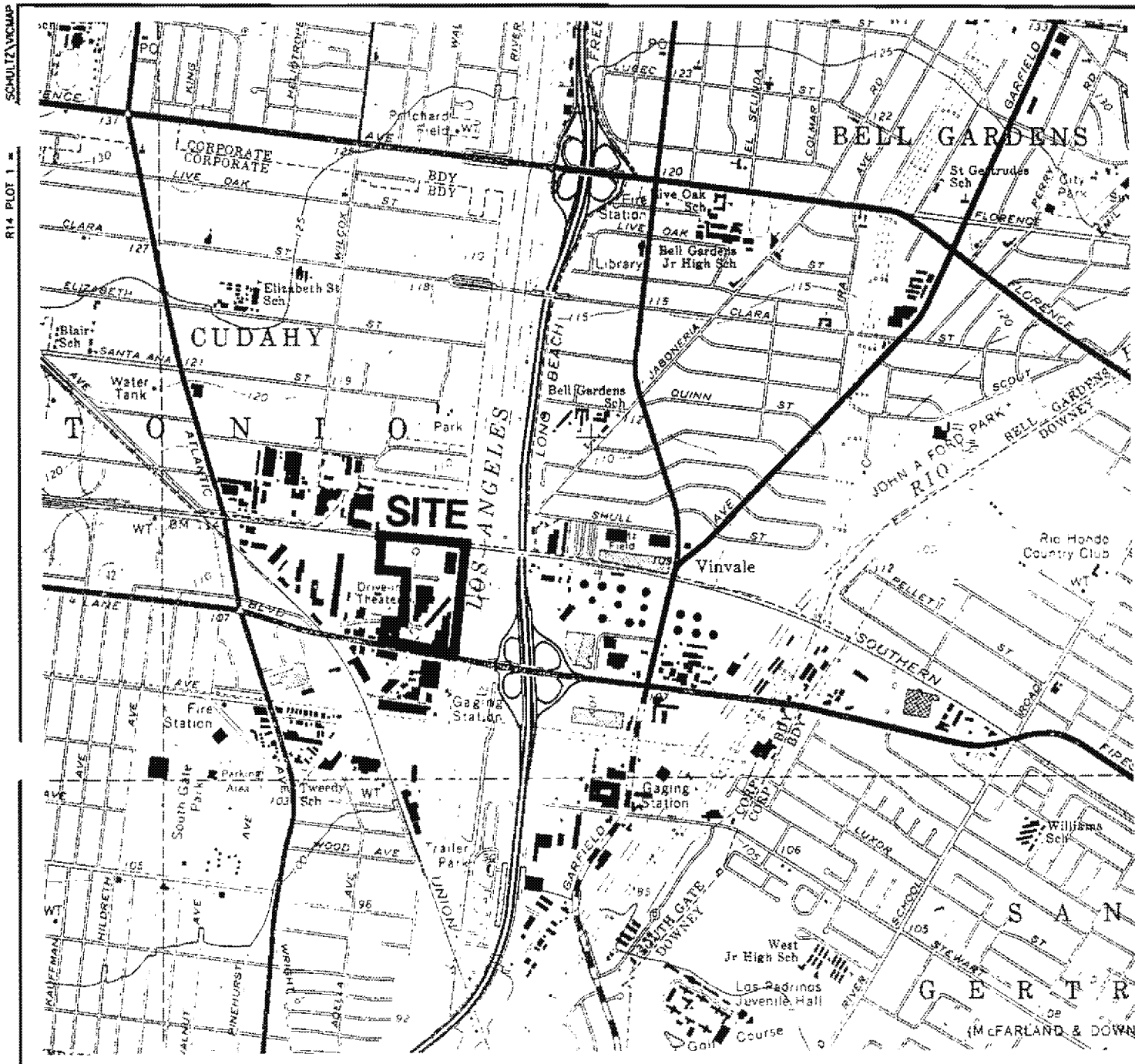
Meredith/Boli and Associates. 1988c. *Closure report for quench tanks, Reisner Metals, Inc., 5225 East Firestone Place, South Gate, California, August 25.*

Meredith/Boli and Associates. 1989a. *Soil remedial action report, Reisner Metals, Inc., 5225 East Firestone Place, South Gate, California, April 14.*

Meredith/Boli and Associates. 1989b. *Closure report for forge sumps, Reisner Metals, Inc., 5225 East Firestone Place, South Gate, California, May 10.*

R.G. Vanderweil Engineers, Inc. and Simpson Gumpertz and Heger, Inc. 1996. *Property condition report, Lincoln Business Center South Gate, 5311 - 5335 Reisner Way and 5225 East Firestone Place, South Gate, California, February 23.*

PLATES



REFERENCE: USGS 7.5-MINUTE QUADRANGLE, SOUTH GATE, CALIFORNIA (PHOTOREVISED 1981)



Harding Lawson Associates
Engineering and
Environmental Services

USGS TOPOGRAPHICAL MAP
Schultz Steel Company
South Gate, California

PLATE

1

DRAWN
JTL

PROJECT-TASK NUMBER
38955-1

APPROVED

DATE
9/98

REVISED DATE

NOTES		DATE	DWN	CHK	APP
1. STREETS TO BE VACATED		4/2/98	STAFF	JED	JRM
FIRESTONE PLACE—1998		4/2/98	STAFF	JED	JRM
RAYO AVENUE—2000		3/29/98	STAFF	JED	JRM
REISNER WAY—2003		4/2/98	STAFF	JED	JRM
2. BUILDINGS B & C		2/21/98	STAFF	JED	JRM
WILL HAVE OFFICES					
AND RESTROOMS IN					
ADA COMPLIANCE					
WHEN LEASE EXPIRES					
IN THE YEAR 2003.					

KEYNOTE		DATE	DWN	CHK	APP
1	EXISTING STRUCTURE TO BE CONTAINED WITHIN NEW STRUCTURE				
2	NEW ADA RESTROOM FACILITY PER SHEET A-2.3				
3	EXISTING ADA COMPLIANT RAMP PER (S) (X167)				
4	VERTICAL 2-PANEL OVERHEAD DOOR				
5	60'-0" WIDE YARD				
6	EXISTING 7 1/2" CONCRETE TILT-UP PANEL 4-HR AREA/OCCUPANCY SEPARATION WALL				
7	EXISTING 5 1/2" CONCRETE TILT-UP PANEL				
8	21 SF DOOR FOR FIRE FIGHTING ACCESS ONLY (KNOX BOX), NOT AN EXIT.				
9	NO WALL PANELS, OPEN TO EXTERIOR				
10	AIR VESSEL				
11	AIR COMPRESSOR ROOM				
12	TRUCK WELL				
13	LINE OF CONC. CURB				
14	CONC. CURB & GUTTER				
15	REMODELED HARDSCAPE & SOFTSCAPE				
16	CONC. WALK				
17	ELECTRICAL FOR BLDG. AREA A1, 16.5 kW				
18	MAIN STEP-DOWN TRANSFORMER FOR BLDGS D & E				
19	(E) PARTICLE COLLECTING UNITS				
20	(E) CONC. LANDING				
21	PLANTER AREA				
22	(E) CONC. DRIVEWAY APPROACH				
23	GAS TANK TO REMAIN				
24	(E) ELECTRICAL TRANSFORMER				
25	ELECTRICAL PANEL				
26	(E) CHAIN LINK FENCE W/ BARBED WIRE PER (10) (X12)				
27	SHED				
28	GAS ENCLOSURE PER FLOOR PLAN				
29	ELECTRICAL ENCLOSURE PER FLOOR PLAN				
30	ADA ACCESS PROVIDED BY OWNER (SHULTZ STEEL) TO ALL RESTROOMS AND OFFICE SPACES THAT ARE NEW OR REMODELED PER EXISTING AGREEMENTS WITH CITY OF SOUTH GATE				
31	NEW CONCRETE PAVING				
32	LIGHT STANDARD PER (A-12) & (D) (X12)				
33	SLIDING GATE PER (A-15)				
34	VEHICLE PATH OF TRAVEL, REFER TO CIVIL DRAWINGS				
35	ADA PATH OF TRAVEL				
36	ROOF ACCESS LADDER PER DETAIL (1) (X12)				
37	ACCESSIBILITY ENTRANCE SIGN PER DETAIL (1) (X12)				

LEGEND	
FIRE TRUCK ACCESS	
FIRE HYDRANT	
EXIT	EGRESS
PARKING STALL COUNT	CHAIN LINK FENCE
NEW ADDITION	35,000 TON PRESS BLDG

SITE PLAN	
	<p>SCALE: 1"=50'-0"</p> <p>DATE: AUG 31 1998</p>

DRAWINGS PREPARED FOR	
SHULTZ STEEL CO. 5321 FIRESTONE BLVD. SOUTH GATE, CA 90280	

PROPOSED FACILITY EXPANSION & REMODEL	
35,000 TON PRESS BLDG 5321 FIRESTONE BLVD. SOUTH GATE, CALIFORNIA	

SHEET TITLE: SITE PLAN OVERALL	
<p>JOB NO.: 2178</p> <p>SHEET</p> <p>A-1.1</p> <p>OF:</p>	<p>DATE: 8/14/98</p> <p>2ND BLDG. DET'T. CORR.</p>

BUILDING/SITE AREAS

BUILDING A1
EXISTING

CONSTRUCTION TYPE: B-N
OCCUPANCY: F-2
AREA: 111,863 S.F.

BUILDING A2
EXISTING

CONSTRUCTION TYPE: B-N
OCCUPANCY: F-1S
B (LESS THAN 10% OF A-1, 2 & 3)
AREA: 92,830 S.F.
HAS AUTOMATIC FIRE SPRINKLER, UPGRADABLE TO 1-HOUR

BUILDING A3
NEW ADDITION

CONSTRUCTION TYPE: B-N
OCCUPANCY: F-2
AREA: 60,705 S.F.

BUILDING B
EXISTING

CONSTRUCTION TYPE: B-N
OCCUPANCY: S-2/T-2
AREA: 40,635 S.F.
HAS AUTOMATIC FIRE SPRINKLER

BUILDING C
EXISTING

CONSTRUCTION TYPE: B-N
OCCUPANCY: S-2/T-2
AREA: 39,793 S.F.
HAS AUTOMATIC FIRE SPRINKLER

SUBTOTAL AREA: 341,295 S.F.
SUBTOTAL SITE AREA: 729,050 S.F. (A, B & C)
COVERAGE: 47% (BUILDING AREA/SITE AREA)

BUILDING D CONSIDERED FOR PARKING PURPOSES ONLY

CONSTRUCTION TYPE: B-N
OCCUPANCY: F-2
AREA: 57,907 S.F.

BUILDING E CONSIDERED FOR PARKING PURPOSES ONLY

CONSTRUCTION TYPE: B-N
OCCUPANCY: F-2
AREA: 60,760 S.F.

SUBTOTAL AREA: 118,682 S.F.
SUBTOTAL SITE AREA: 255,520 S.F. (D & E)
COVERAGE: 46% (BUILDING AREA/SITE AREA)

TOTAL BLDG AREA: 459,957 S.F.
TOTAL SITE AREA: 984,570 S.F.
COVERAGE: 47% (BUILDING AREA/SITE AREA)

PARKING PROVIDED

PARKING BLDG A1, A2, A3

PROVIDED	REQUIRED
STANDARD STALLS: 10	STANDARD STALLS: 171
ADA ACCESSIBLE STALLS: 6	ADA ACCESSIBLE STALLS: 6
TRAILER STALLS: 0	TRAILER STALLS: 177
SUBTOTAL: 09	SUBTOTAL: 177

PARKING BLDGS B + C

PROVIDED	REQUIRED
STANDARD STALLS: 142	STANDARD STALLS: 42
ADA ACCESSIBLE STALLS: 1	ADA ACCESSIBLE STALLS: 1
TRAILER STALLS: 5	TRAILER STALLS: 2
SUBTOTAL: 15	SUBTOTAL: 45

PARKING BLDGS D + E

PROVIDED	REQUIRED
STANDARD STALLS: 89	STANDARD STALLS: 73
ADA ACCESSIBLE STALLS: 4	ADA ACCESSIBLE STALLS: 4
TRAILER STALLS: 0	TRAILER STALLS: 0
SUBTOTAL: 9	SUBTOTAL: 77

PARKING BLDGS F (ANNEX)

PROVIDED	REQUIRED
STANDARD STALLS: 20	STANDARD STALLS: 19
ADA ACCESSIBLE STALLS: 1	ADA ACCESSIBLE STALLS: 1
TRAILER STALLS: 0	TRAILER STALLS: 0
SUBTOTAL: 21	SUBTOTAL: 20

TOTAL STANDARD STALLS: 379 STALLS
TOTAL ADA ACCESSIBLE STALLS: 18 STALLS
TOTAL TRAILER STALLS: 6 STALLS
TOTAL PROVIDED PARKING: 403 STALLS

AREA JUSTIFICATION

WHEN CONSIDERED AS ONE BUILDING FOR AREA

REFER TO WAIVER REQUEST LETTER FOR SPECIFIC VARIANCES/WAIVERS FOR PARTICULAR CODE SECTIONS.

BUILDINGS A-1, A-3, A-2, B & C ARE BEING CONSIDERED AS ONE BUILDING SURROUNDED BY A 60'-0" YARD FOR PURPOSES OF AREA

BUILDINGS A-1, A-3, A-2, B & C ARE BEING CONSIDERED AS MULTIPLE BUILDINGS FOR PURPOSES OF CONSTRUCTION UNDOING THAT THIS REQUIRES A WAIVER

BUILDING A-1 & A-3 AS ONE PHYSICAL BUILDING

OCCUPANCY (Major Use)	= F-2
TYPE OF CONSTRUCTION	= B-N
BASIC ALLOWABLE AREA	= 18,000
ALLOWABLE STORIES	= 1 story, 55'-0" HT.
STORY INCREASE	= (WITH HT. VARIANCE FROM PLANNING AND BUILDING DEPARTMENT)
ACTUAL AREA	= 172,668

BUILDING A-2, EXISTING & REMODELED AREA

OCCUPANCY (Major Use)	= F-2/S-2
TYPE OF CONSTRUCTION	= B (LESS THAN 10% OF A-1, 2 & 3)
BASIC ALLOWABLE AREA	= 27,000
ALLOWABLE STORIES	= 4 story, 65'-0" HT.
SPRINKLED x3	= 81,000
ACTUAL AREA	= 92,830

BUILDING B, EXISTING

OCCUPANCY (Major Use)	= F-2/S-2
TYPE OF CONSTRUCTION	= B-N
BASIC ALLOWABLE AREA	= 18,000
ALLOWABLE STORIES	= 2 story, 55'-0" HT.
SPRINKLED x3	= 54,000
ACTUAL AREA	= 40,635

BUILDING C, EXISTING

OCCUPANCY (Major Use)	= F-2/S-2
TYPE OF CONSTRUCTION	= B-N
BASIC ALLOWABLE AREA	= 18,000
ALLOWABLE STORIES	= 2 story, 55'-0" HT.
SPRINKLED x3	= 54,000
ACTUAL AREA	= 39,793

TOTAL BUILDING AREAS = 341,295 S.F.
REFER TO SHEET LBC FOR COMPLETE JUSTIFICATION

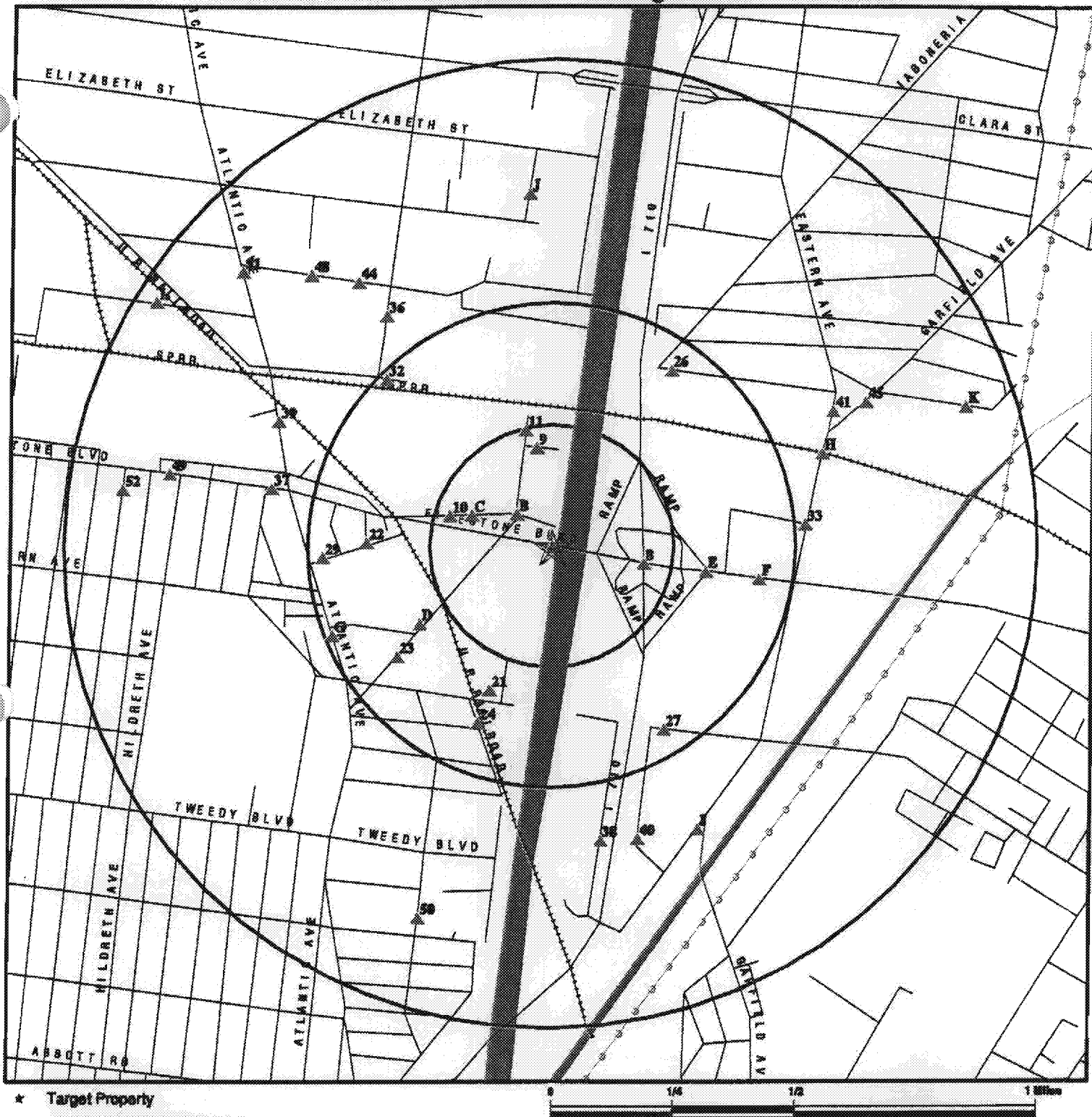
SITE PLAN	SCALE:	1	OF:
	1"=50'-0"		

COPY

PLATE 2

FOR REFERENCE ONLY!

OVERVIEW MAP - 0276843.1r - Harding Lawson Associates



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- National Priority List Sites
- Landfill Sites

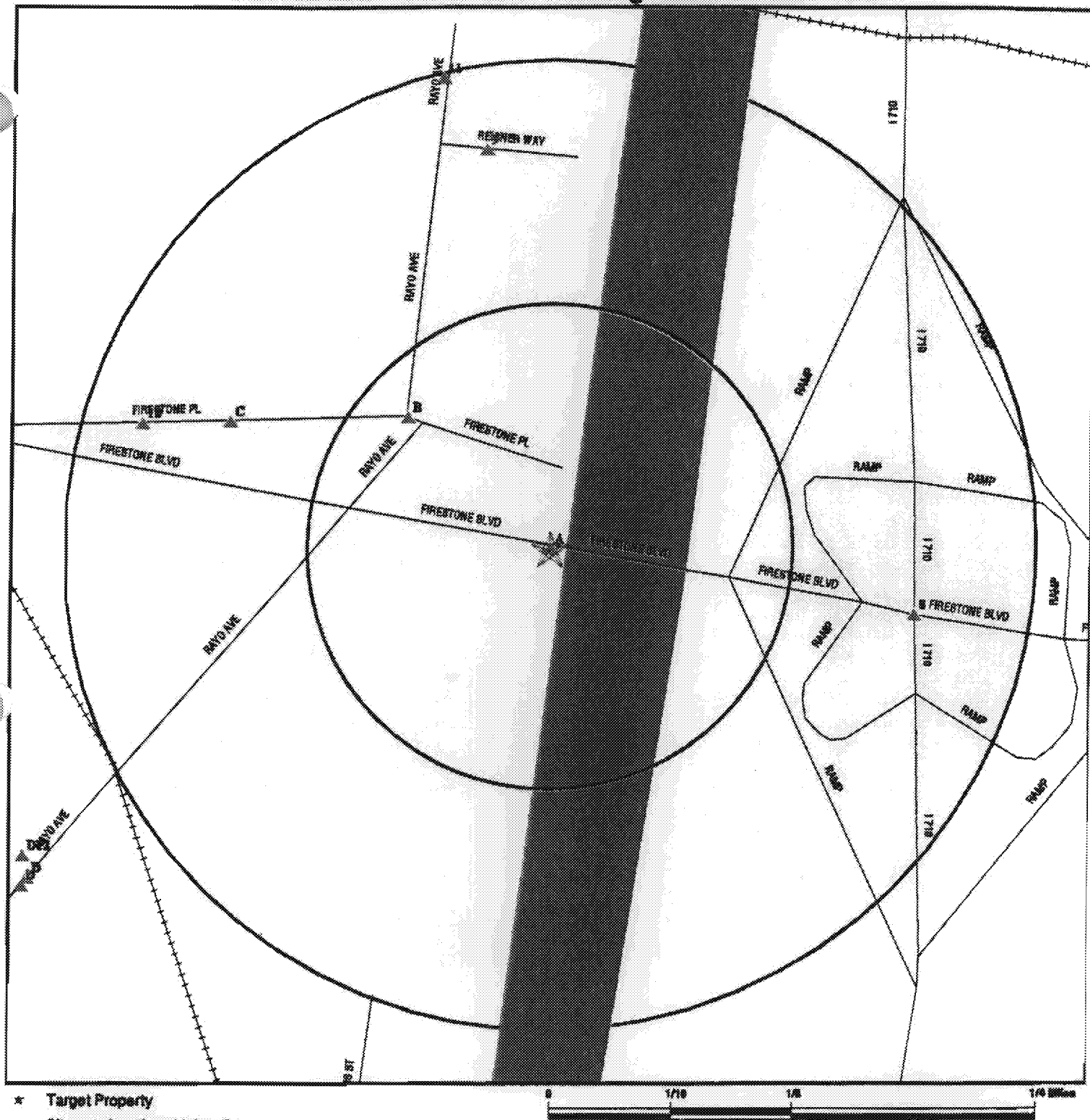
- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone

TARGET PROPERTY: Shultz Steel
 ADDRESS: 5321 Firestone Boulevard
 CITY/STATE/ZIP: Southgate CA 90280
 LAT/LONG: 33.9503 / 118.1728

CUSTOMER: Harding Lawson Associates
 CONTACT: Ms. Stephanie Chute
 INQUIRY #: 0276843.1r
 DATE: July 27, 1998 5:27 pm

PLATE
3

DETAIL MAP - 0276843.1r - Harding Lawson Associates



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites

- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone

TARGET PROPERTY: Shultz Steel
ADDRESS: 5321 Freestone Boulevard
CITY/STATE/ZIP: Southgate CA 90280
LAT/LONG: 33.9503 / 118.1728

CUSTOMER: Harding Lawson Associates
CONTACT: Ms. Stephanie Chute
INQUIRY #: 0276843.1r
DATE: July 27, 1998 5:29 pm

PLATE
4

APPENDIX A
PHOTOGRAPHS

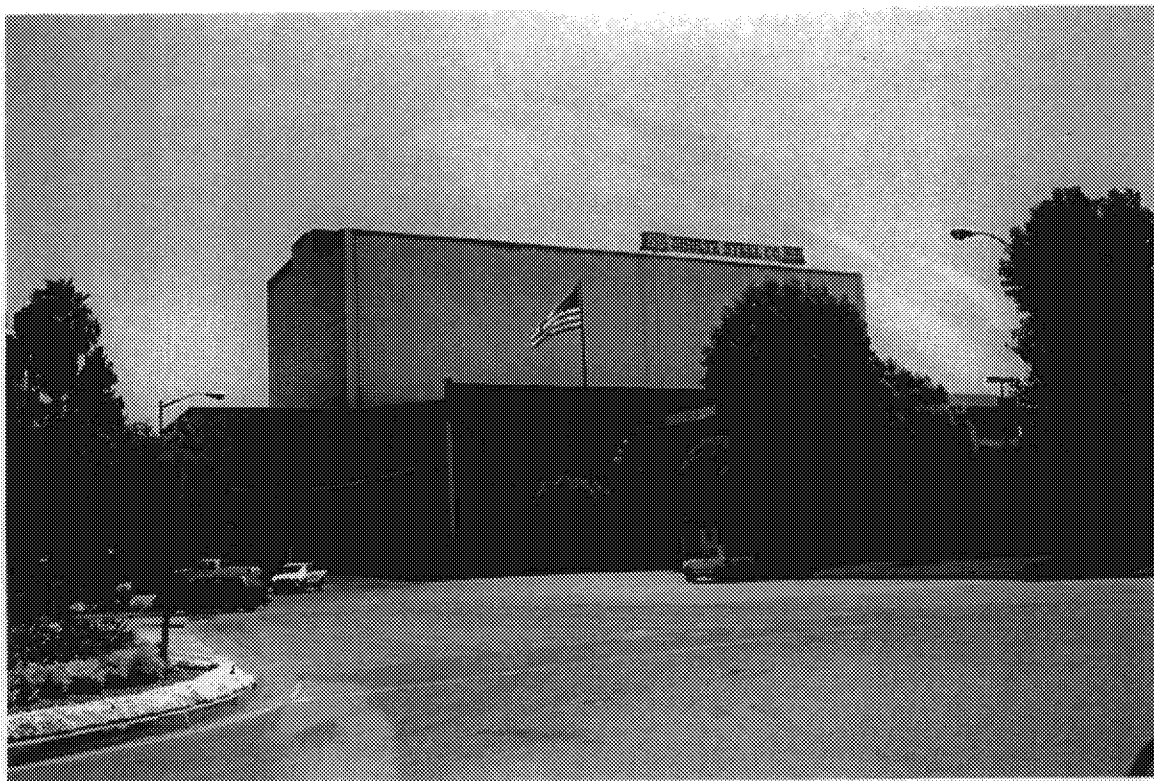


Photo 1. Main Forge Building at 5321 Firestone Blvd.

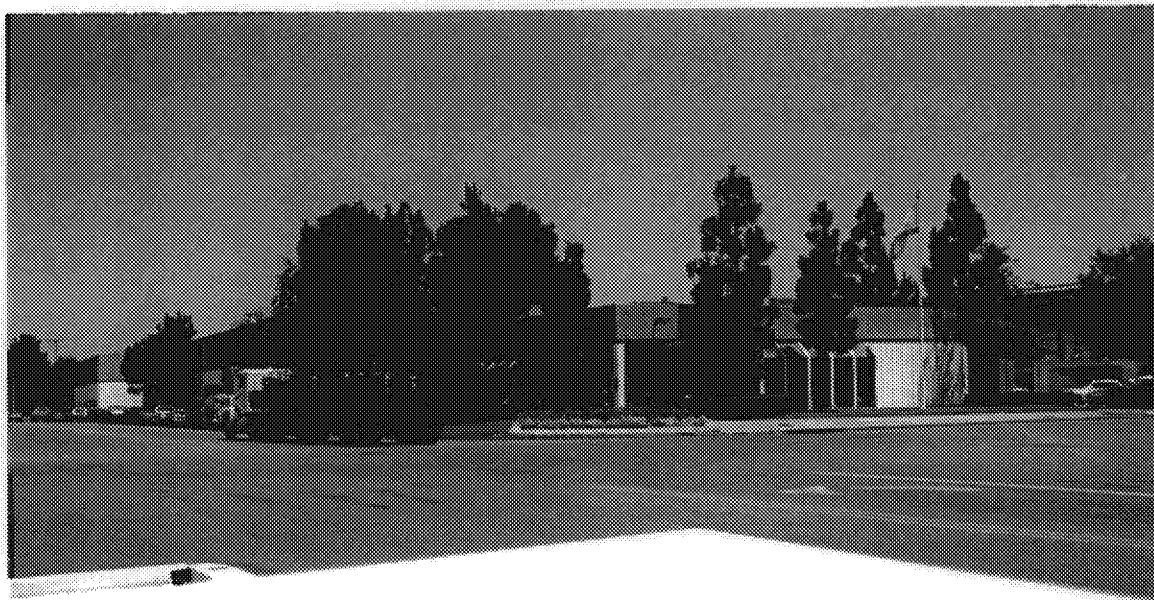


Photo 2. 5225 East Firestone Place



Photo 3. 5210 Firestone Place - "Annex"



Photo 4. 5311 Reisner Way



Harding Lawson Associates
 Engineering and Environmental Services
 30 Corporate Park, Suite 400
 Irvine, California 92606 - (949) 260-1800

SITE PHOTOGRAPHS
 Schultz Steel Co.
 South Gate, California



Photo 5. 5335 Reisner Way



Photo 6. 8621 Rayo Avenue



Harding Lawson Associates
 Engineering and Environmental Services
 30 Corporate Park, Suite 400
 Irvine, California 92606 - (949) 260-1800

SITE PHOTOGRAPHS
 Schultz Steel Co.
 South Gate, California

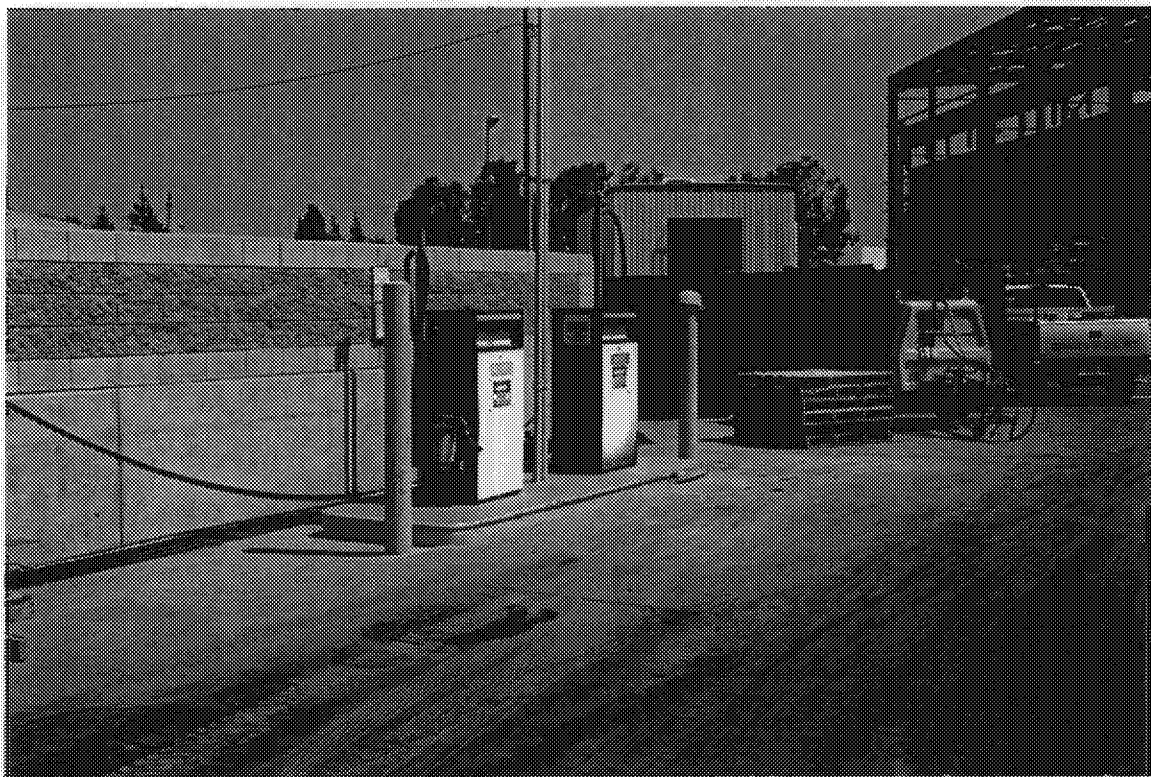


Photo 7. Fuel Dispensing Area at 5321 Firestone Blvd.

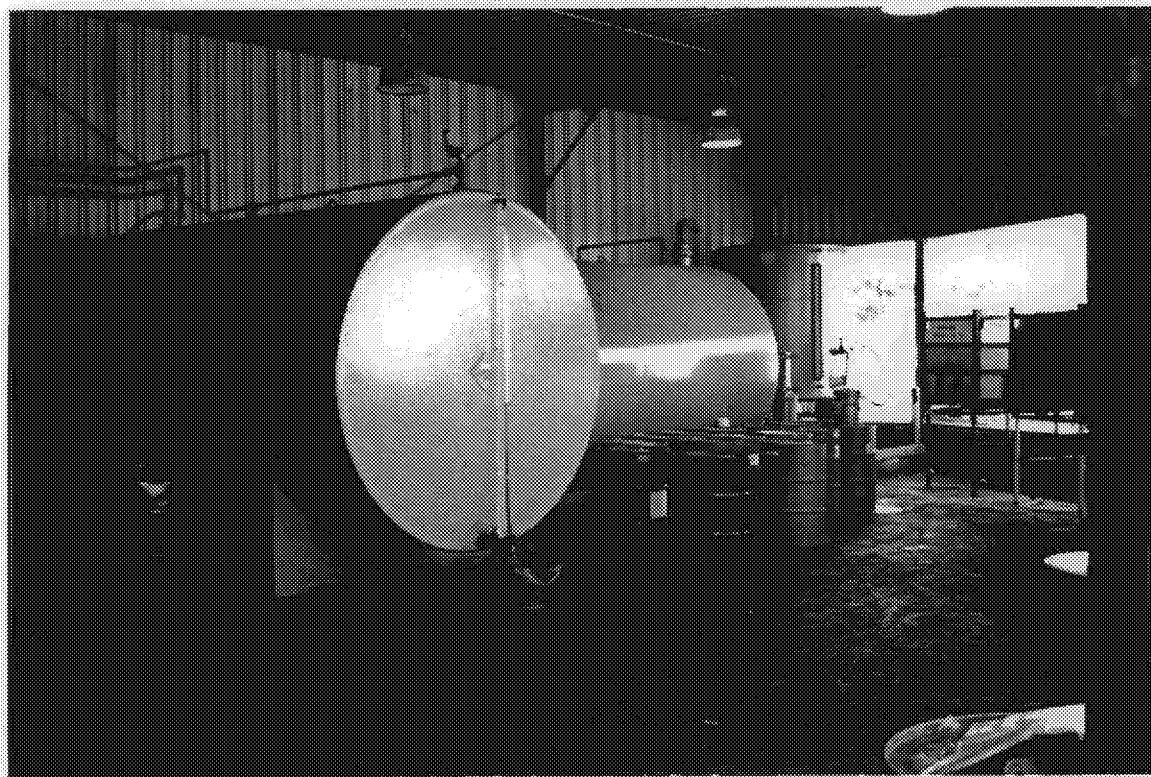


Photo 8. Oil Storage Area at 5321 Firestone Blvd.



Harding Lawson Associates
Engineering and Environmental Services
30 Corporate Park, Suite 400
Irvine, California 92606 - (949) 260-1800

SITE PHOTOGRAPHS
Schultz Steel Co.
South Gate, California



Photo 9. Material Storage Area, New 35,000-ton Press Construction, and Oxygen Tank at 5321 Firestone Blvd.



Photo 10. New Furnace for 35,000-ton Press at 5321 Firestone Blvd.



Harding Lawson Associates
Engineering and Environmental Services
30 Corporate Park, Suite 400
Irvine, California 92606 - (949) 260-1800

SITE PHOTOGRAPHS
Schultz Steel Co.
South Gate, California



Photo 11. Scrap Metal and Metal Grindings Storage at 5225 East Firestone Place

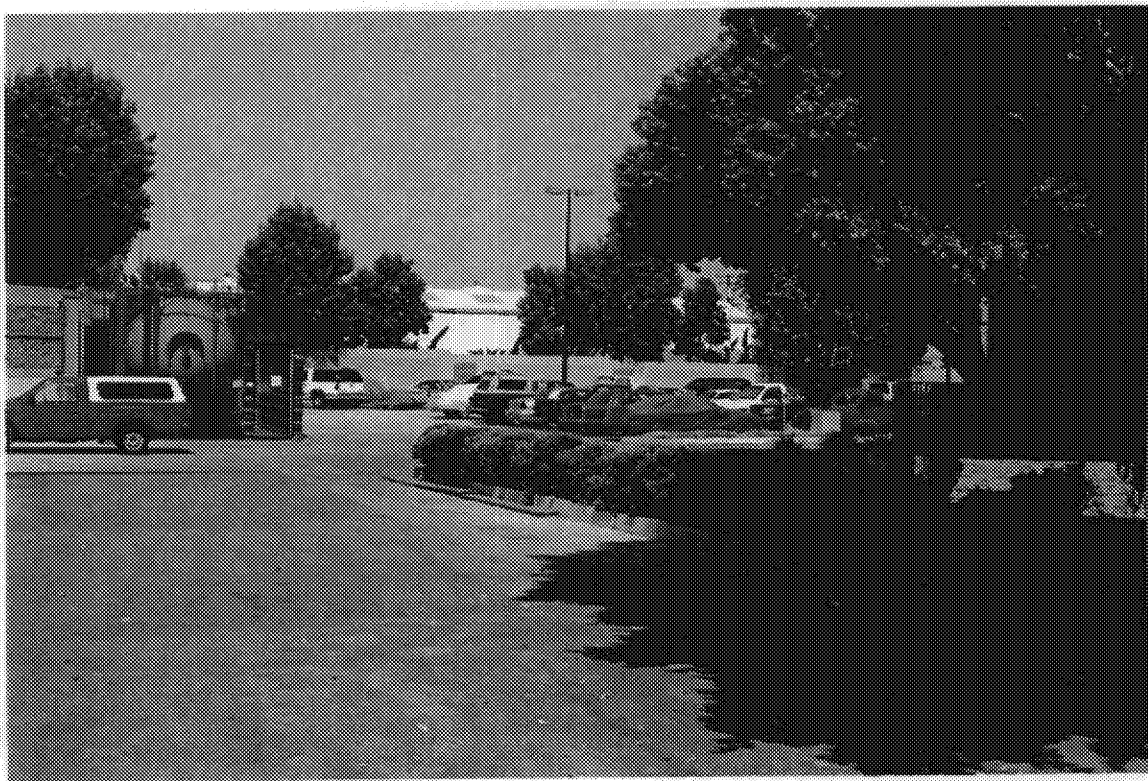


Photo 12. Propane Tank and Parking at 5321 Firestone Blvd.



Harding Lawson Associates
 Engineering and Environmental Services
 30 Corporate Park, Suite 400
 Irvine, California 92606 • (949) 260-1800

SITE PHOTOGRAPHS
 Schultz Steel Co.
 South Gate, California



Photo 13. South Side of Forge Building at 5321 Firestone Blvd.



Photo 14. Closed Sump at Southeast Corner of 5321 Firestone Blvd.



Harding Lawson Associates
Engineering and Environmental Services
30 Corporate Park, Suite 400
Irvine, California 92606 - (949) 260-1800

SITE PHOTOGRAPHS
Schultz Steel Co.
South Gate, California



Photo 15. Material Storage and Grinding Area at 5321 Firestone Blvd.



Photo 16. Metal Grinding Area at 5321 Firestone Blvd.



Harding Lawson Associates
Engineering and Environmental Services
30 Corporate Park, Suite 400
Irvine, California 92606 - (949) 260-1800

SITE PHOTOGRAPHS
Schultz Steel Co.
South Gate, California



Photo 17. Oil Storage Area at 5321 Firestone Blvd.



Photo 18. Hazardous Material Storage Area at 5321 Firestone Blvd.



Harding Lawson Associates
Engineering and Environmental Services
30 Corporate Park, Suite 400
Irvine, California 92606 - (949) 260-1800

SITE PHOTOGRAPHS
Schultz Steel Co.
South Gate, California



Photo 19. Material Storage at 5225 East Firestone Place



Photo 20. Material Storage at 5225 East Firestone Place



Harding Lawson Associates
Engineering and Environmental Services
30 Corporate Park, Suite 400
Irvine, California 92606 - (949) 260-1800

SITE PHOTOGRAPHS
Schantz Steel Co.
South Gate, California



Photo 21. Interior Material Storage at 5225 East Firestone Place



Photo 22. Exterior View of 5225 East Firestone Place



Harding Lawson Associates
Engineering and Environmental Services
30 Corporate Park, Suite 400
Irvine, California 92606 - (949) 260-1800

SITE PHOTOGRAPHS
Schultz Steel Co.
South Gate, California

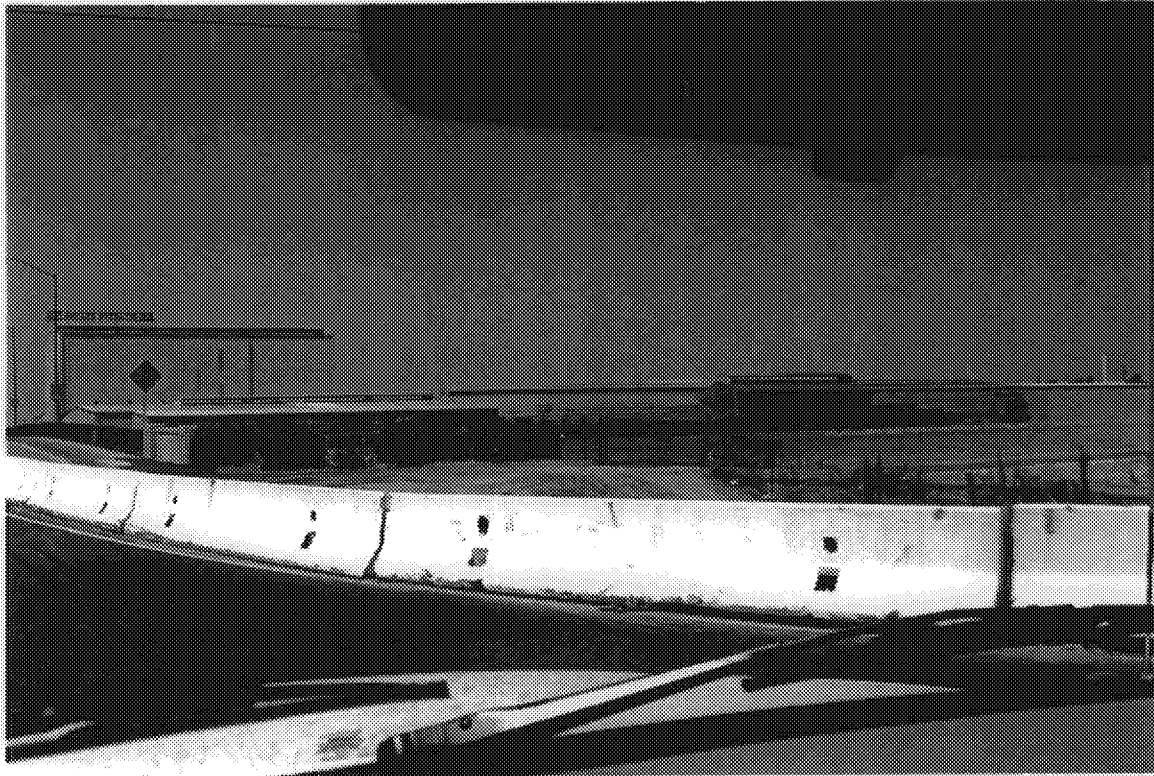


Photo 23. View of Main Forge Building at 5321 Firestone Blvd. From East.
Note Staining of Concrete on River.



Photo 24. North Side of SSC Facility

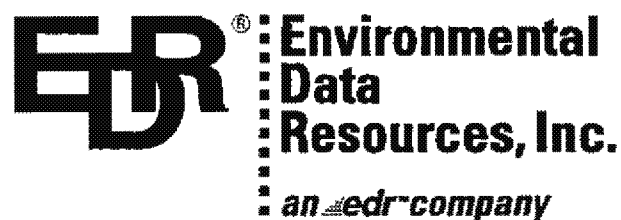


Harding Lawson Associates
Engineering and Environmental Services
30 Corporate Park, Suite 400
Irvine, California 92606 - (949) 260-1800

SITE PHOTOGRAPHS

Schultz Steel Co.
South Gate, California

APPENDIX B
DATABASE REPORT



The EDR-Radius Map with GeoCheck™

**Shultz Steel
5321 Firestone Boulevard
Southgate, CA 90280**

Inquiry Number: 0276843.1r

July 27, 1998

The Source For Environmental Risk Management Data

**3530 Post Road
Southport, Connecticut 06490**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Topographic Map	2
GeoCheck Summary	3
Overview Map	5
Detail Map	6
Map Summary - All Sites	7
Map Summary - Sites with higher or the same elevation as the Target Property	8
Map Findings	9
Orphan Summary	57
 <u>APPENDICES</u>	
GeoCheck Version 2.1	A1
EPA Waste Codes	A18
Government Records Searched / Data Currency Tracking Addendum	A20

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer and Other Information

This Report contains information obtained from a variety of public and other sources and Environmental Data Resources, Inc. (EDR) makes no representation or warranty regarding the accuracy, reliability, quality, suitability, or completeness of said information or the information contained in this report. The customer shall assume full responsibility for the use of this report.

NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, EXPRESSED OR IMPLIED, SHALL APPLY AND EDR SPECIFICALLY DISCLAIMS THE MAKING OF SUCH WARRANTIES. IN NO EVENT SHALL EDR BE LIABLE TO ANYONE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES. COPYRIGHT (C) 1998 BY ENVIRONMENTAL DATA RESOURCES, INC. ALL RIGHTS RESERVED.

Unless otherwise indicated, all trademarks used herein are the property of Environmental Data Resources, Inc. or its affiliates.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-97. Search distances are per ASTM standard or custom distances requested by the user.

The address of the subject property for which the search was intended is:

5321 FIRESTONE BOULEVARD
SOUTHGATE, CA 90280

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the subject property or within the ASTM E 1527-97 search radius around the subject property for the following Databases:

Delisted NPL:..... NPL Deletions
RCRIS-TSD:..... Resource Conservation and Recovery Information System
AWP:..... AWP
Toxic Pits:..... Toxic Pits
CERC-NFRAP:..... Comprehensive Environmental Response, Compensation, and Liability Information System
Ca. FID:..... CA FID
AST:..... Aboveground Petroleum Storage Tank Facilities
RAATS:..... RCRA Administrative Action Tracking System
HMIRS:..... Hazardous Materials Information Reporting System
PADS:..... PCB Activity Database System
ERNS:..... Emergency Response Notification System
TRIS:..... Toxic Chemical Release Inventory System
TSCA:..... Toxic Substances Control Act
MLTS:..... Material Licensing Tracking System
NPL Lien:..... NPL Liens
Site Mitig:..... Site Mitigation
Ca. BEP:..... CA Bond Exp. Plan
ROD:..... ROD
CONSENT:..... Superfund (CERCLA) Consent Decrees
Ca. WDS:..... CA WDS
S Bay Reg. 2:..... South Bay Region 2
Coal Gas:..... Former Manufactured gas (Coal Gas) Sites.

Unmapped (orphan) sites are not considered in the foregoing analysis.

Search Results:

Search results for the subject property and the search radius, are listed below:

Subject Property:

The subject property was identified in the following government records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
SHULTZ STEEL COMPANY 5321 FIRESTONE BLVD SOUTH GATE, CA 90280	FINDS RCRIS-LQG UST HAZNET HMS	CAD981397276

EXECUTIVE SUMMARY

SHULTZ STEEL COMPANY
5321 FIRESTONE BLVD.
SOUTH GATE, CA 90280

HAZNET

N/A

EXECUTIVE SUMMARY

Surrounding Properties:

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the subject property includes a tolerance of -10 feet. Sites with an elevation equal to or higher than the subject property have been differentiated below from sites with an elevation lower than the subject property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 03/06/1998 has revealed that there is 1 NPL site within approximately 1 Mile of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>COOPER DRUM CO</i>	<i>9316 ATLANTIC AVE</i>	<i>1/4 - 1/2 WSW</i>	<i>G30</i>	<i>25</i>

CAL-SITES: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control.

A review of the Cal-Sites list, as provided by EDR, has revealed that there are 7 Cal-Sites sites within approximately 1 Mile of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>CALIFORNIA ALABAMA PIPE CO</i>	<i>5335 SOUTHERN AVE</i>	<i>1/4 - 1/2 SSW</i>	<i>21</i>	<i>19</i>
<i>COOPER DRUM CO</i>	<i>9316 ATLANTIC AVE</i>	<i>1/4 - 1/2 WSW</i>	<i>G30</i>	<i>25</i>
<i>ATLANTIC RICHFIELD VINVALE TER</i>	<i>8600 GARFIELD AVE</i>	<i>1/2 - 1 ENE</i>	<i>H35</i>	<i>34</i>
<i>GARFIELD MOBILE PARK</i>	<i>8422 GARFIELD AVE</i>	<i>1/2 - 1 ENE</i>	<i>45</i>	<i>43</i>
<i>PARK AVENUE ELEMENTARY SCHOOL</i>	<i>8020 PARK AVE</i>	<i>1/2 - 1 N</i>	<i>J47</i>	<i>45</i>
<i>W C HARDESTY</i>	<i>6052 SHULL ST</i>	<i>1/2 - 1 ENE</i>	<i>K53</i>	<i>49</i>
<i>RHONE POULENC BASIC CHEMICALS</i>	<i>4570 ARDINE ST</i>	<i>1/2 - 1 WNW</i>	<i>L56</i>	<i>52</i>

NOTIFY 65: Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, has revealed that there is 1 Notify 65 site within approximately 1 Mile of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>DIAL CORP.</i>	<i>9300 RAYO AVE.</i>	<i>1/4 - 1/2 WSW</i>	<i>D13</i>	<i>16</i>

EXECUTIVE SUMMARY

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/1994 has revealed that there are 6 CHMIRS sites within approximately 1 Mile of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	I-710 S/FIRESTONE BLVD	1/8 - 1/4E	8	13
Not reported	9300 RAYO ST	1/4 - 1/2WSW	D14	16
Not reported	9300 RAYO	1/4 - 1/2WSW	D16	17
Not reported	5702 FIRESTONE PLACE	1/2 - 1 E	33	33
Not reported	8610 SOUTH ATLANTIC	1/2 - 1 WNW	39	36
Not reported	8958 KAUFFMAN	1/2 - 1 W	52	49

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 20 Cortese sites within approximately 1 Mile of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
INTERNATIONAL WINDOW CORP.	FIRESTONE BLVD E. (5625	1/4 - 1/2E	E17	17
MACLEAD METALS CO	RAYO AVE (9309)	1/4 - 1/2WSW	D20	19
ARCO #5110	FIRESTONE BLVD E. (5731	1/4 - 1/2E	F25	22
SOUTH GATE REDEVELOPMENT AGENC	GARFIELD AVE / FIREST	1/4 - 1/2E	F28	25
COOPER DRUM	ATLANTIC AVE (9316)	1/4 - 1/2WSW	G31	30
ARCO VINVALE TERMINAL	GARFIELD AVE S. (8601)	1/2 - 1 ENE	H34	33
BALSSER TRUCKING	WILCOX AVE (8332)	1/2 - 1 NW	36	35
ARCO #1289	FIRESTONE BLVD E. (4861	1/2 - 1 WNW	37	35
W. A. WOODS INDUSTRIES, INC.	FRONTAGE RD W. (10120)	1/2 - 1 S	38	36
FIOLA INTERNATIONAL PROPERTY	FRONTAGE RD E. (9850)	1/2 - 1 SSE	40	36
CHALLENGE MARKETING #10	EASTERN (8202)	1/2 - 1 ENE	41	36
GUARDSMAN PRODUCTS INC.	MILLER WAY (9845)	1/2 - 1 SSE	I42	37
ALFA MIRRORS INC.	CECILIA ST (4935)	1/2 - 1 NW	44	42
PARK AVENUE ELEMENTARY SCHOOL	PARK AVE (8020)	1/2 - 1 N	J46	44
SYSTEM DISPOSAL SERVICE INC.	CECELIA ST (4841)	1/2 - 1 NW	48	48
AMERON	FIRESTONE BLVD E. (4671	1/2 - 1 W	49	48
RIVERTON STEEL CONSTRUCTION	ADELLA AVE (10130)	1/2 - 1 SSW	50	48
CUDAHY BUILDING MATERIALS	ATLANTIC AVE (8331)	1/2 - 1 NW	51	48
W C HARDESTY	SHULL ST (6052)	1/2 - 1 ENE	K54	51
STAUFFER CHEMICAL COMPANY	ARDINE ST (4570)	1/2 - 1 WNW	L55	52

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 06/15/1998 has revealed that there are 4 CERCLIS sites within approximately 0.5 Miles of the subject property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
REISNER METALS INC	5225 FIRESTONE PLACE	0 - 1/8 NW	B4	11
WEBB JERVIS B CO OF CALIFORNIA	9301 S RAYO AVE	1/4 - 1/2 WSW	D12	15
KUSTOM FIT MFG	8990 S ATLANTIC AVE	1/4 - 1/2 W	29	25
COOPER DRUM CO	9316 ATLANTIC AVE	1/4 - 1/2 WSW	G30	25

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 12/15/1997 has revealed that there is 1 CORRACTS site within approximately 1 Mile of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LILLY INDUSTRIES INC	9845 MILLER WAY	1/2 - 1 SSE	I43	37

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF site within approximately 0.5 Miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SALT LAKE TRANSFER STATION	9599 SALT LAKE AVE	1/4 - 1/2 SSW	24	22

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 10/01/1997 has revealed that there are 7 LUST sites within approximately 0.5 Miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
REINSER METALS INC	5225 FIRESTONE PL	0 - 1/8 NW	B3	10
INTERNATIONAL WINDOW CORP.	5625 E. FIRESTONE BLVD.	1/4 - 1/2 E	E18	17
MACLEAD METALS CO.	9309 RAYO AVE	1/4 - 1/2 WSW	D19	18
MCLEOD METALS	8980 KENDALL AVE	1/4 - 1/2 W	22	21
ARCO #5110	FIRESTONE BLVD E. (5731	1/4 - 1/2 E	F25	22
CITY OF BELL GARDENS	5614 SHULL ST	1/4 - 1/2 NNE	26	23
ARMSTRONG WORLD INDUSTRIES	5037 PATATA ST	1/4 - 1/2 NW	32	31

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 UST site within approximately 0.25 Miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
REISNER METALS INC	5225 FIRESTONE PLACE	0 - 1/8 NW	B4	11

EXECUTIVE SUMMARY

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS list, as provided by EDR, has revealed that there is 1 WMUDS site within approximately 0.5 Miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SOUTHEASTERN DISPOSAL & BY-PRO	5466 SOUTHERN AVE	1/4 - 1/2 SSE	27	23

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, has revealed that there are 3 HAZNET sites within approximately 0.25 Miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ARNCO	5141 FIRESTONE PL	1/8 - 1/4 WNW	C6	12
ARNCO	5141 FIRESTONE PLACE	1/8 - 1/4 WNW	C7	13
SHULTZ STEEL CO	8621 S RAYO ST	1/8 - 1/4 NNW	11	14

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 01/01/1998 has revealed that there are 4 RCRIS-SQG sites within approximately 0.25 Miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
INK MAKERS	5225 FIRESTONE PL STE G	0 - 1/8 NW	B5	12
AIR NAIL COMPANY	5335 REISNER WAY	1/8 - 1/4 N	9	14
GATEWAY BUSINESS FORMS	5101 FIRESTONE PL	1/8 - 1/4 WNW	10	14
SHULTZ STEEL CO	8621 S RAYO ST	1/8 - 1/4 NNW	11	14

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 01/01/1998 has revealed that there are 2 RCRIS-LQG sites within approximately 0.25 Miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
REISNER METALS INC	5225 FIRESTONE PLACE	0 - 1/8 NW	B4	11
ARNCO	5141 FIRESTONE PL	1/8 - 1/4 WNW	C6	12

EXECUTIVE SUMMARY

CA SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the CA SLIC list, as provided by EDR, has revealed that there are 4 CA SLIC sites within approximately 0.5 Miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FORMER DIAL CORP.	9300 RAYO	1/4 - 1/2WSW	D15	16
INTERNATIONAL WINDOW CORP.	5625 E. FIRESTONE BLVD.	1/4 - 1/2E	E18	17
FORMER DIAL CORP. - SO. PARKIN	9400 RAYO	1/4 - 1/2SW	23	21
CITY OF BELL GARDENS	5614 SHULL ST	1/4 - 1/2NNE	26	23

TOPOGRAPHIC MAP - 0276843.1r - Harding Lawson Associates



- Major Roads
- Contour Lines
- Waterways
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Closest Federal Well in quadrant
- Closest State Well in quadrant
- Closest Public Water Supply Well

(HD) Closest Hydrogeological Data

TARGET PROPERTY: Shultz Steel
ADDRESS: 5321 Firestone Boulevard
CITY/STATE/ZIP: Southgate CA 90280
LAT/LONG: 33.9503 / 118.1728

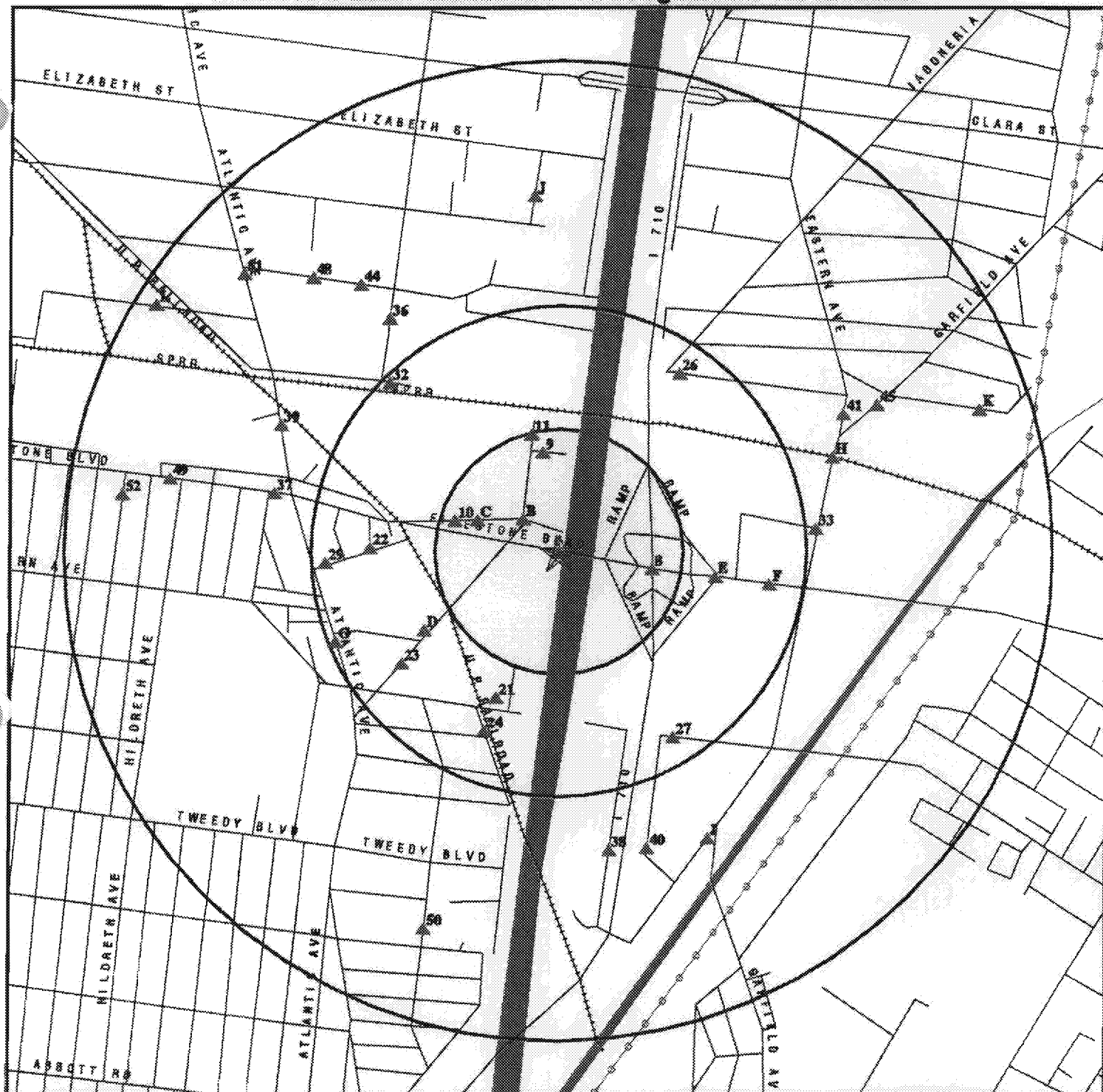
CUSTOMER: Harding Lawson Associates
CONTACT: Ms. Stephanie Chute
INQUIRY #: 0276843.1r
DATE: July 27, 1998 5:30 pm



EXECUTIVE SUMMARY





Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
JOINT WATER DISTRICT PLANT	SWF/LF
USED TIRE KING	SWF/LF
SAN CLEMENTE ISLAND LANDFILL	SWF/LF
TOBIAS AVE INDISCRIM DUMP	HMS,SWF/LF
CALTRANS	WMUDS
IMPERIAL HWY / LA RIVER	WMUDS
CALTRANS	WMUDS
ARCO PRODUCTS CO FAC 1289	HAZNET

OVERVIEW MAP - 0276843.1r - Harding Lawson Associates



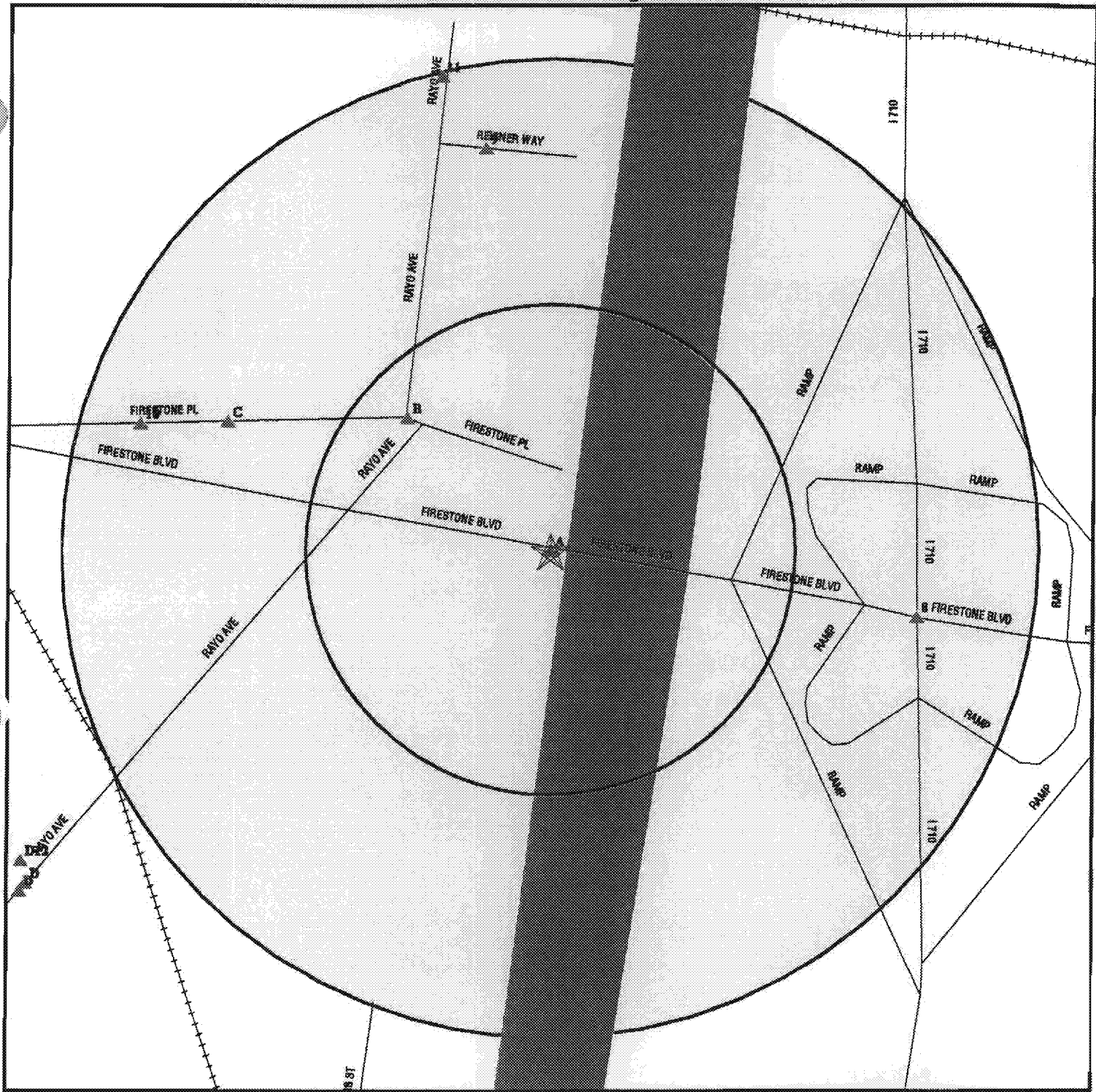
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
-  National Priority List Sites
-  Landfill Sites

-  Power transmission lines
-  Oil & Gas pipelines
-  100-year flood zone
-  500-year flood zone

TARGET PROPERTY: Shultz Steel
ADDRESS: 5321 Firestone Boulevard
CITY/STATE/ZIP: Southgate CA 90280
LAT/LONG: 33.9603 / 118.1728

CUSTOMER: Harding Lawson Associates
CONTACT: Ms. Stephanie Chute
INQUIRY #: 0276843.1r
DATE: July 27, 1998 5:27 pm

DETAIL MAP - 0276843.1r - Harding Lawson Associates



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- ★ Sensitive Receptors
- National Priority List Sites
- Landfill Sites

- ~ Power transmission lines
- ~ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone



TARGET PROPERTY: Shultz Steel
 ADDRESS: 5321 Firestone Boulevard
 CITY/STATE/ZIP: Southgate CA 90280
 LAT/LONG: 33.9503 / 118.1728

CUSTOMER: Harding Lawson Associates
 CONTACT: Ms. Stephanie Chute
 INQUIRY #: 0276843.1r
 DATE: July 27, 1998 5:29 pm

GEOCHECK VERSION 2.1 SUMMARY

TARGET PROPERTY COORDINATES

Latitude (North): 33.950298 - 33° 57' 1.1"
Longitude (West): 118.172798 - 118° 10' 22.1"
Universal Transverse Mercator: Zone 11
UTM X (Meters): -11409546.0
UTM Y (Meters): 26915540.0

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2433118-H2 SOUTH GATE, CA

GEOLOGIC AGE IDENTIFICATION†

Geologic Code: Q
Era: Cenozoic
System: Quaternary
Series: Quaternary

ROCK STRATIGRAPHIC UNIT†

Category: Stratified Sequence

GROUNDWATER FLOW INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, including well data collected on nearby properties, regional groundwater flow information (from deep aquifers), or surface topography.‡

AQUIFLOW™ Search Radius: 2.000 Miles

<u>MAP ID</u>	<u>DISTANCE FROM TP</u>	<u>DIRECTION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported			

General Topographic Gradient at Target Property: Undeterminable

General Hydrogeologic Gradient at Target Property: No hydrogeologic data available.

Site-Specific Hydrogeological Data*:

Search Radius: 2.0 miles
Status: Not found

FEDERAL DATABASE WELL INFORMATION

<u>WELL QUADRANT</u>	<u>DISTANCE FROM TP</u>	<u>LITHOLOGY</u>	<u>DEPTH TO WATER TABLE</u>
NO WELLS FOUND			

STATE DATABASE WELL INFORMATION

<u>WELL QUADRANT</u>	<u>DISTANCE FROM TP</u>
Northern	1 - 2 Miles
Eastern	1/8 - 1/4 Mile
Southern	1/4 - 1/2 Mile
Western	1/2 - 1 Mile

† Source: P. G. Schnaben, R. E. Arndt and W. J. Baeris, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 F. B. King and H. M. Berkman Map, USGS Digital Data Series DDS-11 (1994); U.S. EPA Ground Water Handbook, Vol. I: Ground Water and Contamination, Office of Research and Development, EPA/625/R-90/016a, Chapter 4, page 78, September 1990.

‡ EDR AQUIFLOW™ information System of hydrogeologically determined groundwater flow directions at specific locations. See the data pages at the end of this report for a complete description.

GEOCHECK VERSION 2.1 SUMMARY

PUBLIC WATER SUPPLY SYSTEM INFORMATION

Searched by Nearest PWS.

NOTE: PWS System location is not always the same as well location.

PWS Name: TRACT 349 MUTUAL WATER CO.
4630 SANTA ANA ST
CUDAHY, CA 90201

Location Relative to TP: 1/2 - 1 Mile North

PWS currently has or has had major violation(s): No

AREA RADON INFORMATION

EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L

LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

MAP FINDINGS SUMMARY SHOWING ALL SITES

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.000	0	0	1	0	NR	1
Delisted NPL		TP	NR	NR	NR	NR	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	2	5	NR	7
Notify 65		1.000	0	0	1	0	NR	1
CHMIRS		1.000	0	1	2	3	NR	6
Cortese		1.000	0	0	5	15	NR	20
Toxic Pits		1.000	0	0	0	0	NR	0
CERCLIS		0.500	1	0	3	NR	NR	4
CERC-NFRAP		TP	NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	0	0	1	NR	1
State Landfill		0.500	0	0	1	NR	NR	1
LUST		0.500	1	0	6	NR	NR	7
UST	X	0.250	1	0	NR	NR	NR	1
CA FID		0.250	0	0	NR	NR	NR	0
AST		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
WMUDS/SWAT		0.500	0	0	1	NR	NR	1
HAZNET	X	0.250	0	3	NR	NR	NR	3
RCRIS Sm. Quan. Gen.		0.250	1	3	NR	NR	NR	4
RCRIS Lg. Quan. Gen.	X	0.250	1	1	NR	NR	NR	2
HMIRS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
Site Mitigation		TP	NR	NR	NR	NR	NR	0
CA SLIC		0.500	0	0	4	NR	NR	4
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
HMS	X	TP	NR	NR	NR	NR	NR	0
South Bay Region 2		TP	NR	NR	NR	NR	NR	0
Coal Gas		1.000	0	0	0	0	NR	0

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

<p align="center">MAP FINDINGS SUMMARY SHOWING ONLY SITES HIGHER THAN OR THE SAME ELEVATION AS TP</p>
--

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.000	0	0	1	0	NR	1
Delisted NPL		TP	NR	NR	NR	NR	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	2	5	NR	7
Notify 65		1.000	0	0	1	0	NR	1
CHMIRS		1.000	0	1	2	3	NR	6
Cortese		1.000	0	0	5	15	NR	20
Toxic Pits		1.000	0	0	0	0	NR	0
CERCLIS		0.500	1	0	3	NR	NR	4
CERC-NFRAP		TP	NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	0	0	1	NR	1
State Landfill		0.500	0	0	1	NR	NR	1
LUST		0.500	1	0	6	NR	NR	7
UST	X	0.250	1	0	NR	NR	NR	1
CA FID		0.250	0	0	NR	NR	NR	0
AST		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
WMUDS/SWAT		0.500	0	0	1	NR	NR	1
HAZNET	X	0.250	0	3	NR	NR	NR	3
RCRIS Sm. Quan. Gen.		0.250	1	3	NR	NR	NR	4
RCRIS Lg. Quan. Gen.	X	0.250	1	1	NR	NR	NR	2
HMIRS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
Site Mitigation		TP	NR	NR	NR	NR	NR	0
CA SLIC		0.500	0	0	4	NR	NR	4
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
HMS	X	TP	NR	NR	NR	NR	NR	0
South Bay Region 2		TP	NR	NR	NR	NR	NR	0
Coal Gas		1.000	0	0	0	0	NR	0

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number

EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

A2
Target
Property

SHULTZ STEEL COMPANY
5321 FIRESTONE BLVD
SOUTH GATE, CA 90280

FINDS
RCRIS-LQG
UST
HAZNET
HMS

1000292834
CAD981397276

RCRIS:

Owner: GORDON M SHULTZ
(415) 555-1212
Contact: ENVIRONMENTAL MANAGER
(213) 564-3281
Record Date: 04/21/86
Classification: Large Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

HAZNET:

Year: 1993
Gepaid: CAD981397276
Contact: PETER J NASH PLANT ENGINEER
Gen County: Los Angeles
Tsd Name: Not reported
Tsd Address: Not reported
Not reported
Not reported
Tsd County: Los Angeles
Mailing Address: 5321 FIRESTONE BLVD
Not reported
SOUTH GATE, CA 90280
Category: Waste oil and mixed oil
Disposal Method: Not reported
Tepaid: CAD981696420
Telephone: (213) 357-3277
Tons: 1

HMS:

Facility ID: 011626-011678
Permit Number: 00003248T
Facility Status: Permit
Region: Los Angeles County
Facility Type: T0
Permit Status: Permit
Area: 2J

State UST:

Facility ID: 21028
Tank Num: 1
Tank Capacity: 9940
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Leak Detection: Stock Inventor
Contact Name: Not reported
Total Tanks: 2
Facility Type: 2
Container Num: SZ
Year Installed: 1974
Tank Constrctn: 1/4 inches
Telephone: (213) 564-3281
Region: Not reported
Other Type: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

SHULTZ STEEL COMPANY (Continued)

1000292834

Facility ID:	21028	Container Num:	SM
Tank Num:	2	Year installed:	1979
Tank Capacity:	9940	Tank Constrcn:	1/4 inches
Tank Used for:	PRODUCT	Telephone:	(213) 564-3281
Type of Fuel:	UNLEADED	Region:	Not reported
Leak Detection:	Stock Inventor	Other Type:	Not reported
Contact Name:	Not reported		
Total Tanks:	2		
Facility Type:	2		

UST Orange County:

A1
Target
Property

SHULTZ STEEL COMPANY
5321 FIRESTONE BLVD.
SOUTH GATE, CA 90280

HAZNET

S100945020
N/A

HAZNET:

Year:	Not reported	Tepaid:	CAD981696420
Gepaid:	CAD981397276	Telephone:	Not reported
Contact:	Not reported	Tons:	2042
Gen County:	Not reported		
Tsd Name:	EVERGREEN ENV SVC AT CARSON		
Tsd Address	16604 SOUTH SAN PEDRO STREET		
	Not reported		
	CARSON		
Tsd County	Los Angeles		
Mailing Address:	Not reported		
	Not reported		
	Not reported		
Category:	Waste oil and mixed oil		
Disposal Method:	Transfer station		

B3
NW
< 1/8
Higher

REINSEER METALS INC
5225 FIRESTONE PL
SOUTH GATE, CA 90280

LUST

S102435784
N/A

State LUST:

Facility Type	ACTIVE	Cross Street:	LONG BEACH FWY
Reg Board:	Los Angeles Region	Qty Leaked:	Not reported
Chemical:	Waste Oil		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Preliminary site assessment workplan submitted		
Review Date:	06/13/1995	Confirm Leak:	Not reported
Workplan:	06/13/1995	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	03/06/1990
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported	Release Date:	03/06/1990

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

REINSER METALS INC (Continued)

S102435784

LUST Region 4:

Report Date: 03/06/1990
Cross Street: LONG BEACH FWY
Lead Agency: Local Agency
Local Agency: 19000
Substance: 12035
Case Number: I-14134
Case Type: Soil only

B4
NW
< 1/8
Higher

REISNER METALS INC
5225 FIRESTONE PLACE
SOUTH GATE, CA 90280

CERCLIS 1000383507
FINDS CAD008384307
RCRIS-LQG
UST
HMS

CERCLIS Classification Data:

Site Incident Category: Not reported
Ownership Status: Private
EPA Notes: Not reported
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL

CERCLIS Assessment History:

Assessment: DISCOVERY Completed: 14-MAY-93
Assessment: PRELIMINARY ASSESSMENT Completed: 17-JUL-95
Assessment: SITE INSPECTION Completed: 17-JUL-95

CERCLIS Site Status:

Low

RCRIS:

Owner: WYMAN GORDON COMPANY
(415) 555-1212
Contact: ENVIRONMENTAL MANAGER
(213) 564-2431
Record Date: 08/18/80
Classification: Large Quantity Generator, Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

HMS:

Facility ID: 013712-014134
Permit Number: Not reported
Facility Status: Removed
Region: Los Angeles County
Facility Type: Not reported
Permit Status: Not reported
Area: 2J

State UST:

Facility ID: 55532
Tank Num: 1
Tank Capacity: 2000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Leak Detection: None
Contact Name: Not reported
Total Tanks: 2
Facility Type: 2
Container Num: 1
Year Installed: 1976
Tank Constrctn: 1/4 inches
Telephone: (213) 564-2431
Region: Not reported
Other Type: FORGE SHOP

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

REISNER METALS INC (Continued)

1000383507

Facility ID:	55532	Container Num:	1
Tank Num:	2	Year Installed:	1980
Tank Capacity:	5000		
Tank Used for:	PRODUCT		
Type of Fuel:	REGULAR	Tank Constrcn:	1/4 inches
Leak Detection:	None		
Contact Name:	Not reported	Telephone:	(213) 564-2431
Total Tanks:	2	Region:	Not reported
Facility Type:	2	Other Type:	FORGE SHOP

UST Orange County:

**B5
NW
< 1/8
Higher**

**INK MAKERS
5225 FIRESTONE PL STE G AND H
SOUTH GATE, CA 90280**

**RCRIS-SQG
FINDS**

**1000857067
CA0000036277**

RCRIS:
Owner: KENDRICK MILLS JR
(213) 564-4000

Contact: STEVE MILLER
(213) 564-4000

Record Date: 10/05/93
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

**C6
WNW
1/8-1/4
Higher**

**ARNCO
5141 FIRESTONE PL
SOUTH GATE, CA 90280**

**FINDS
RCRIS-LQG
TRIS
HAZNET
HMS**

**1000174692
CAD059795468**

RCRIS:
Owner: NOT REQUIRED
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER
(213) 567-1378

Record Date: 08/03/84
Classification: Large Quantity Generator, Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

ARNCO (Continued)

1000174692

HAZNET:

Year:	1993	Tepaid:	CAT000646117
Gepaid:	CAD059795468	Telephone:	(213) 249-7500
Contact:	AURORA YBALLE	Tons:	Not reported
Gen County:	Los Angeles		
Tsd Name:	Not reported		
Tsd Address:	Not reported		
	Not reported		
	Not reported		
Tsd County:	Kings		
Mailing Address:	5141 FIRESTONE PL		
	Not reported		
	SOUTH GATE, CA 90280		
Category:	Other organic solids		
Disposal Method:	Disposal, landfill		

HMS:

Facility ID:	013732-014157	Facility Type:	Not reported
Permit Number:	Not reported	Permit Status:	Not reported
Facility Status:	OPEN	Area:	2J
Region:	Los Angeles County:		

C7
WNW
1/8-1/4
Higher

ARNCO
5141 FIRESTONE PLACE
SOUTH GATE, CA 90280

HAZNET

S100930019
N/A

HAZNET:

Year:	Not reported	Tepaid:	CAT000646117
Gepaid:	CAD059795468	Telephone:	Not reported
Contact:	Not reported	Tons:	247
Gen County:	Not reported		
Tsd Name:	CHEMICAL WASTE MGMT INC/KETTLEMANHILLS		
Tsd Address:	KETTLEMAN N DOME LDFL HWY 41		
	Not reported		
	KETTLEMAN CITY		
Tsd County:	Kings		
Mailing Address:	Not reported		
	Not reported		
	Not reported		
Category:	Other organic solids		
Disposal Method:	Disposal, landfill		

8
East
1/8-1/4
Higher

I-710 S/FIRESTONE BLVD
SO. GATE, CA

CHMIRS

S100218303
N/A

CHMIRS:

OES Control Number:	8910177	DOT ID:	1993
DOT Hazard Class:	Flammable liquid		
Chemical Name:	DIESEL FUEL		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	70
Environmental Contamination:	None Reported	Property Use:	Freeway
Incident Date:	05-MAR-89	Date Completed:	06-MAR-89

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

9
North
1/8-1/4
Higher

AIR NAIL COMPANY
5335 REISNER WAY
SOUTH GATE, CA 90280

RCRIS-SQG
FINDS

1000593509
CAD982446528

RCRIS:

Owner: PHILIP SIEKMAN
(213) 563-1156

Contact: ENVIRONMENTAL MANAGER
(213) 563-1156

Record Date: 09/08/92

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

10
WNW
1/8-1/4
Higher

GATEWAY BUSINESS FORMS
5101 FIRESTONE PL
SOUTH GATE, CA 90280

RCRIS-SQG
FINDS

1000225196
CAD981642143

RCRIS:

Owner: DON HUNT SR
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER
(213) 567-8874

Record Date: 03/02/87

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

11
NNW
1/8-1/4
Higher

SHULTZ STEEL CO
8621 S RAYO ST
SOUTH GATE, CA 90280

RCRIS-SQG
FINDS
TRIS
HAZNET

1000292833
CAD981396856

RCRIS:

Owner: GORDON W SHULTZ
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER
(213) 564-3281

Record Date: 04/21/86

Classification: Small Quantity Generator

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

SHULTZ STEEL CO (Continued)

1000292833

Used Oil Recyc: No

Violation Status: No violations found

HAZNET:

Year:	1993		
Gepaid:	CAD981396856	Tepaid:	CAD981696420
Contact:	PETER J NASH PLANT ENGINEER	Telephone:	(213) 357-3277
Gen County:	Los Angeles	Tons:	3
Tsd Name:	Not reported		
Tsd Address:	Not reported		
	Not reported		
	Not reported		
Tsd County:	Los Angeles		
Mailing Address:	5321 FIRESTONE BLVD		
	Not reported		
	SOUTH GATE, CA 90280		
Category:	Waste oil and mixed oil		
Disposal Method:	Transfer station		
Year:	Not reported		
Gepaid:	CAD981396856	Tepaid:	CAD981696420
Contact:	Not reported	Telephone:	Not reported
Gen County:	Not reported	Tons:	3716
Tsd Name:	EVERGREEN ENV SVC AT CARSON		
Tsd Address:	16604 SOUTH SAN PEDRO STREET		
	Not reported		
	CARSON		
Tsd County:	Los Angeles		
Mailing Address:	Not reported		
	Not reported		
	Not reported		
Category:	Waste oil and mixed oil		
Disposal Method:	Transfer station		

D12
WSW
1/4-1/2
Higher

WEBB JERVIS & CO OF CALIFORNIA
9301 S RAYO AVE
SOUTH GATE, CA 90280

CERCLIS 1000161420
FINDS CAD008339467
RCRIS-LOG

CERCLIS Classification Data:

Site Incident Category:	Not reported	Federal Facility:	Not a Federal Facility
Ownership Status:	Private	NPL Status:	Not on the NPL
EPA Notes:	Not reported		

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	14-MAY-93
Assessment:	PRELIMINARY ASSESSMENT	Completed:	30-SEP-94
Assessment:	SITE INSPECTION	Completed:	30-SEP-94

CERCLIS Site Status:

Low

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

WEBB JERVIS B CO OF CALIFORNIA (Continued)

1000161420

RCRIS:

Owner: NOT REQUIRED
(415) 555-1212
Contact: ENVIRONMENTAL MANAGER
(213) 588-8271
Record Date: 08/18/80
Classification: Large Quantity Generator, Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

D13
WSW
1/4-1/2
Higher

DIAL CORP.
9300 RAYO AVE.
SOUTH GATE, CA 90280

Notify 65

S100178473
N/A

NOTIFY 65:

Date Reported: Not reported Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 90280-3613

D14
WSW
1/4-1/2
Higher

9300 RAYO ST
SOUTH GATE, CA 90280

CHMIRS

S100216300
N/A

CHMIRS:

OES Control Number: 8802967 DOT ID: 1017
DOT Hazard Class: Oxidizers and organic pesticides
Chemical Name: CHLORINE
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: Not reported
Environmental Contamination: Air Property Use: Manufacturing
Incident Date: 19-SEP-88 Date Completed: 19-SEP-88

D15
WSW
1/4-1/2
Higher

FORMER DIAL CORP.
9300 RAYO
SOUTH GATE, CA

CA SLIC

S102002383
N/A

SLIC Region 4:

Facility ID: 443 Region: 4
Facility Status: Post Remediation Monitoring Substance: TPH/VOCs
File Number: 95-066 Cross Street: Not reported
Last Action: Not reported Type of Program: Not reported
Staff: Jenny Au
Summary: Soil remediation & GW assessment

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
D16 WSW 1/4-1/2 Higher	9300 RAYO SOUTH GATE, CA 90280	CHMIRS	S100196270 N/A
CHMIRS:			
OES Control Number: 9991759 DOT ID: 1831			
DOT Hazard Class: Miscellaneous hazardous material			
Chemical Name: OLEUM			
Extent of Release: Not reported			
CAS Number: Not reported Quantity Released: 40			
Environmental Contamination: Air Property Use: Industrial, Utility			
Incident Date: 27-MAY-88 Date Completed: 27-MAY-88			
E17 East 1/4-1/2 Higher	INTERNATIONAL WINDOW CORP. FIRESTONE BLVD E. (5625) SOUTH GATE, CA 90280	Cortese	S101298179 N/A
CORTESE:			
Facility ID: 19-002509 Data Source: LTNKA			
E18 East 1/4-1/2 Higher	INTERNATIONAL WINDOW CORP. 5625 E. FIRESTONE BLVD. SOUTH GATE, CA 90280	UST LUST CA SLIC	U001563669 N/A
State LUST:			
Facility Type: ACTIVE Cross Street: NATIONAL AVE			
Reg Board: Los Angeles Region Qty Leaked: Not reported			
Chemical: Diesel			
Lead Agency: Regional Board			
Case Type: Other ground water affected			
Status: Remedial action (cleanup) in progress			
Review Date: 07/16/1997 Confirm Leak: Not reported			
Workplan: Not reported Prelim Assess: Not reported			
Pollution Char: 06/03/1990 Remed Plan: 12/13/1994			
Remed Action: 05/01/1995 Monitoring: Not reported			
Close Date: Not reported Release Date: 05/08/1990			
LUST Region 4:			
Report Date: 05/08/1990			
Cross Street: NATIONAL AVE			
Lead Agency: Regional Board			
Local Agency: 19000			
Substance: 12034			
Case Number: I-15025			
Case Type: Other ground water affected			
SLIC Region 4:			
Facility ID: 164 Region: 4			
Facility Status: Not reported Substance: TPH			
File Number: 100.315 Cross Street: Not reported			
Last Action: Not reported Type of Program: Not reported			
Staff: Los Angeles County Fire Department			
Summary: CONT. WAS FOUND IN SOIL BENEATH A DIESEL UGT. CONT. MAY HAVE MIGRATED FROM OFF-SITE (ARCO TANK FARM). LADPW CASE.			

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

INTERNATIONAL WINDOW CORP. (Continued)

U001563669

State UST:

Facility ID:	66559	Container Num:	1
Tank Num:	1	Year Installed:	Not reported
Tank Capacity:	5000		
Tank Used for:	WASTE	Tank Constrctn:	X inches
Type of Fuel:	Not Reported		
Leak Detection:	Visual, Stock Inventor, None	Telephone:	(213) 928-6411
Contact Name:	JOHN VEAU	Region:	Not reported
Total Tanks:	3	Other Type:	WINDOW MFG.
Facility Type:	2		

Facility ID:	66559	Container Num:	2
Tank Num:	2	Year Installed:	Not reported
Tank Capacity:	10000		
Tank Used for:	PRODUCT	Tank Constrctn:	Not reported
Type of Fuel:	DIESEL		
Leak Detection:	Visual, Stock Inventor, None	Telephone:	(213) 928-6411
Contact Name:	JOHN VEAU	Region:	Not reported
Total Tanks:	3	Other Type:	WINDOW MFG.
Facility Type:	2		

Facility ID:	66559	Container Num:	3
Tank Num:	3	Year Installed:	Not reported
Tank Capacity:	10000		
Tank Used for:	PRODUCT	Tank Constrctn:	Not reported
Type of Fuel:	DIESEL		
Leak Detection:	Visual, Stock Inventor, None	Telephone:	(213) 928-6411
Contact Name:	JOHN VEAU	Region:	Not reported
Total Tanks:	3	Other Type:	WINDOW MFG.
Facility Type:	2		

D19
WSW
1/4-1/2
Higher

MACLEAD METALS CO.
9309 RAYO AVE
SOUTH GATE, CA 90280

HMS
LUST

U002287772
N/A

State LUST:

Facility Type:	ACTIVE	Cross Street:	ATLANTIC AVE.
Reg Board:	Los Angeles Region	Qty Leaked:	Not reported
Chemical:	Diesel		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Preliminary site assessment underway	Confirm Leak:	Not reported
Review Date:	04/12/1993	Prelim Assess:	07/16/1990
Workplan:	Not reported	Remed Plan:	Not reported
Pollution Char:	Not reported	Monitoring:	Not reported
Remed Action:	Not reported	Release Date:	07/16/1990
Close Date:	Not reported		

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

MACLEAD METALS CO. (Continued)

U002287772

LUST Region 4:

Report Date: 07/16/1990
Cross Street: ATLANTIC AVE.
Lead Agency: Local Agency
Local Agency: 19000
Substance: 12034
Case Number: 101890-08
Case Type: Soil only

HMS:

Facility ID: 014788-015534
Permit Number: 00005927T
Facility Status: Permit
Region: Los Angeles County:
Facility Type: T0
Permit Status: Permit
Area: 2J

D20
WSW
1/4-1/2
Higher

MACLEAD METALS CO
RAYO AVE (9309)
SOUTH GATE, CA 90280

Cortese

S101298196
N/A

CORTESE:

Facility ID: 19-011511 Data Source: LTNKA

21
SSW
1/4-1/2
Higher

CALIFORNIA ALABAMA PIPE CO
5335 SOUTHERN AVE
SOUTH GATE, CA 90280

FINDS 1000252309
CERC-NFRAP CAD980636302
Cal-Sites

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported
Ownership Status: Unknown
EPA Notes: Not reported
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY
Assessment: PRELIMINARY ASSESSMENT
Completed: 01-JUN-81
Completed: 01-SEP-84

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA ALABAMA PIPE CO (Continued)

1000252309

CAL-SITES:

Facility ID: 19350463
Facility Type: N/A
Status: Not reported
Status Date: 03/26/1984
Lead: Not reported
Region: 3 - BURBANK
Branch: SA - SOUTHERN CA. - A
File Name: Not reported
Status Name: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Lead Agency: N/A
NPL: Not reported
SIC: 35 MANU - INDUSTRIAL MACHINERY & EQUIPMENT
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: MMONROY
Region Water Control Board: Not reported
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0
Lat/Long: Not reported
Lat/long Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported
Activity: SITE SCREENING
Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Activity: PRELIMINARY ASSESSMENT
Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Activity: DISCOVERY
Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Background: Not reported
Alternative Name: ELL FOUNDRY
Alternative Addr: 5335 SOUTHERN AVENUE
SOUTH GATE, CA 90280
Alternative Name: ALIFORNIA ALABAMA PIPE COMPANY
Alternative Addr: 5335 SOUTHERN AVENUE
SOUTH GATE, CA 90280
Comment Date: 09/26/1983
Comment: FACILITY IDENTIFIED ID FROM ERRIS
THE PROPERTY OCCUPIED BY CO HAS BEEN
SPLIT & CONSTRUCTED A STREET & PARKING
LOT-OWNED BY BELL FOUNDRY.
SOURCE ACT: 6/81 LETTER FROM THE EX-OWNR
RUSS KRASS, MEAD CO(513-222-6323) - WASTE
GENERATD FROM AIR POLLUT CONTROL EQUIP.
UNCERTN PROCESSES INVOLVED. YR OF OPER:
UNK-1972. FAC TYPE: FOUNDRY - NO REC
EXISTS ON EQUIP USED. STORAGE ON SITE
PRIOR TO DISP OFFSITE.
SUBMIT TO EPA
PRELIM ASSESS DONE RCRA 3012
Database verification project confirms NFA for DTSC.

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

22
West
1/4-1/2
Higher

MCLEOD METALS
8980 KENDALL AVE
SOUTH GATE, CA 90280

HMS
LUST

U002288088
N/A

State LUST:

Facility Type	INACTIVE	Cross Street	BRANYON AVE.
Reg Board:	Los Angeles Region	Qty Leaked:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Undefined		
Status:	Signed off, remedial action completed or deemed unnecessary		
Review Date:	12/10/1991	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	12/10/1991	Release Date:	01/15/1991

Facility Type	INACTIVE	Cross Street	BRANYON AVE.
Reg Board:	Los Angeles Region	Qty Leaked:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Undefined		
Status:	Signed off, remedial action completed or deemed unnecessary		
Review Date:	12/10/1991	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	12/10/1991	Release Date:	01/15/1991

LUST Region 4:

Report Date: 01/15/1991
Cross Street: BRANYON AVE.
Lead Agency: Local Agency
Local Agency: 19000
Substance: 8006619
Case Number: 012491-34
Case Type: Undefined

HMS:

Facility ID:	015111-016084	Facility Type:	Not reported
Permit Number:	Not reported	Permit Status:	Not reported
Facility Status:	Removed	Area:	2J
Region:	Los Angeles County:		

23
SW
1/4-1/2
Higher

FORMER DIAL CORP. - SO. PARKING LOT
9400 RAYO
SOUTH GATE, CA

CA SLIC

S102230428
N/A

SLIC Region 4:

Facility ID:	443	Region:	4
Facility Status:	Closure	Substance:	TPH
File Number:	95-066	Cross Street:	Not reported
Last Action:	Not reported	Type of Program:	Not reported
Staff:	Jenny Au		
Summary:	TPH contaminated soil was excavated & disposed off-site		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
24 SSW 1/4-1/2 Higher	SALT LAKE TRANSFER STATION 9599 SALT LAKE AVE SOUTH GATE, CA	SWF/LF	S102360717 N/A
LF: Facility ID: 19-AA-0837 Operator: CITY OF SOUTH GATE Op. Address: 8650 CALIFORNIA AVENUE SOUTH GATE, CA 90280 Op. Tel: (213) 563-9590 Owner: CITY OF SOUTH GATE Address: 8650 CALIFORNIA AVENUE SOUTH GATE, CA 90280 Owner's Tel: (213) 563-9590 Activity: Large Volume Transfer Station Operator's Status: Active Regulation Status: Permitted Facility Status: Not reported Facility Class: Not reported Region: STATE Lat/Long: 3357 / 11813 Closing Comment: Not reported Date Closed: Not reported Operation Date: Not reported Permit Date: Not reported Facility Type: Not reported Facility Location: Not reported			
F25 East 1/4-1/2 Higher	ARCO #5110 FIRESTONE BLVD E. (5731) SOUTH GATE, CA 90280	Cortese LUST	S101298180 N/A
State LUST: Facility Type: ACTIVE Reg Board: Los Angeles Region Chemical: Gasoline Lead Agency: Regional Board Case Type: Other ground water affected Status: Pollution characterization Review Date: 07/15/1997 Workplan: Not reported Pollution Char: 07/16/1997 Remed Action: Not reported Close Date: Not reported Cross Street: GARFIELD AVE Qty Leaked: Not reported Confirm Leak: Not reported Prelim Assess: 09/20/1989 Remed Plan: Not reported Monitoring: Not reported Release Date: 03/15/1990 LUST Region 4: Report Date: 03/15/1990 Cross Street: GARFIELD AVE Lead Agency: Regional Board Local Agency: 19000 Substance: 8006619 Case Number: I-12074 Case Type: Other ground water affected CORTESE: Facility ID: 19-002567 Data Source: LTNKA			

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
26 NNE 1/4-1/2 Higher	CITY OF BELL GARDENS 5614 SHULL ST BELL GARDENS, CA	HMS LUST CA SLIC	S101540092 N/A
State LUST:			
Facility Type: ACTIVE		Cross Street: Not reported	
Reg Board: Los Angeles Region		Qty Leaked: Not reported	
Chemical: Not reported			
Lead Agency: Local Agency			
Case Type: Soil only			
Status: Preliminary site assessment workplan submitted			
Review Date: 05/19/1995		Confirm Leak: Not reported	
Workplan: 09/28/1993		Prelim Assess: Not reported	
Pollution Char: Not reported		Remed Plan: Not reported	
Remed Action: Not reported		Monitoring: Not reported	
Close Date: Not reported		Release Date: 09/28/1993	
LUST Region 4:			
Report Date: 09/28/1993			
Cross Street: Not reported			
Lead Agency: Local Agency			
Local Agency: 19000			
Substance: Not reported			
Case Number: 051995-12			
Case Type: Soil only			
SLIC Region 4:			
Facility ID: 313		Region: 4	
Facility Status: Remediation		Substance: Not reported	
File Number: Not reported		Cross Street: Not reported	
Last Action: Not reported		Type of Program: Not reported	
Staff: Jim Ross			
Summary: Not reported			
HMS:			
Facility ID: 013941-014412		Facility Type: T1	
Permit Number: 000070765		Permit Status: Removed	
Facility Status: Removed		Area: 3Y	
Region: Los Angeles County:			
27 SSE 1/4-1/2 Higher	SOUTHEASTERN DISPOSAL & BY-PRODUCTS 5466 SOUTHERN AVE SOUTH GATE, CA	WMUDS	S101612947 N/A
WMUDS:			
Date of Last Facility Edit:		Not reported	
Last Facility Editors:		Not reported	
Waste Discharge System ID:		4 190122NUR	
Solid Waste Information ID:		Not reported	
Waste Discharge System:		False	
Solid Waste Assessment Test Program:		True	
Toxic Pits Cleanup Act Program:		False	
Resource Conservation Recovery Act Program:		False	
Department of Defense:		Not reported	
Open to Public:		False	
Number of WMUDS at Facility:		Not reported	
Facility Contact:		Not reported	
Facility Telephone:		Not reported	
Primary Standard Industrial Classification:		Not reported	
Secondary Standard Industrial Classification:		Not reported	

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHEASTERN DISPOSAL & BY-PRODUCTS (Continued)

S101612947

Solid Waste Assessment Test Program Name:	Not reported
Threat to Water Quality:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	Not reported
Sub Chapter 15:	False
Reg. Board Project Officer:	LT
Total Waste Mgmt Units:	1
Section Range:	Not reported
RCRA Facility:	Not reported
Waste Discharge Requirements:	Not reported
Base Meridian:	Not reported
Agency:	SOUTHEASTERN DISPOSAL & BY-PRO
	Not reported
Agency Dept:	Not reported
Agency Contact:	Not reported
Agency Tele:	Not reported
Landowner:	Not reported
	Not reported
	CA
Landowner Cont:	Not reported
Landowner Tele:	Not reported
Date of Last Facility Edit:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System ID:	4 190395NUR
Solid Waste Information ID:	Not reported
Waste Discharge System:	False
Solid Waste Assessment Test Program:	True
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act Program:	False
Department of Defense:	Not reported
Open to Public:	False
Number of WMUDS at Facility:	Not reported
Facility Contact:	Not reported
Facility Telephone:	Not reported
Primary Standard Industrial Classification:	Not reported
Secondary Standard Industrial Classification:	Not reported
Solid Waste Assessment Test Program Name:	Not reported
Threat to Water Quality:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	Not reported
Sub Chapter 15:	False
Reg. Board Project Officer:	LT
Total Waste Mgmt Units:	1
Section Range:	Not reported
RCRA Facility:	Not reported
Waste Discharge Requirements:	Not reported
Base Meridian:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Site	Database(s)	EDR ID Number EPA ID Number
	SOUTHEASTERN DISPOSAL & BY-PRODUCTS (Continued)		S101612947
	Agency: A.V. HOHN Not reported Agency Dept: Not reported Agency Contact: Not reported Agency Tele: Not reported Landowner: Not reported Not reported CA Landowner Cont: Not reported Landowner Tele: Not reported		
F28 East 1/4-1/2 Higher	SOUTH GATE REDEVELOPMENT AGENCY, CITY OF GARFIELD AVE / FIRESTONE BLVD (NO STREET N SOUTH GATE, CA 90280	Cortese	S101298184 N/A
	CORTESE: Facility ID: 19-064623 Data Source: CALSI		
29 West 1/4-1/2 Higher	KUSTOM FIT MFG 8990 S ATLANTIC AVE SOUTH GATE, CA 90280	CERCLIS FINDS HMS	1000710140 CAD983576190
	CERCLIS Classification Data: Site Incident Category: Not reported Ownership Status: Private EPA Notes: Not reported CERCLIS Assessment History: Assessment: DISCOVERY Assessment: PRELIMINARY ASSESSMENT Assessment: SITE INSPECTION CERCLIS Site Status: Low CERCLIS Alias Name(s): KUSTOM FIT MANUFACTURING FINDS: Other Pertinent Environmental Activity Identified at Site: - Facility is monitored or permitted for air emissions under the Clean Air Act (under AFS/AIRS) HMS: Facility ID: 012803-013002 Permit Number: Not reported Facility Status: Removed Region: Los Angeles County	Federal Facility: Not a Federal Facility NPL Status: Not on the NPL Completed: 14-MAY-93 Completed: 30-SEP-94 Completed: 30-SEP-94	
G30 WSW 1/4-1/2 Higher	COOPER DRUM CO 9316 ATLANTIC AVE SOUTH GATE, CA 90280	CERCLIS FINDS NPL RCRIS-LQG UST Cal-Sites	1000346316 CAD055753370

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

COOPER DRUM CO (Continued)

1000346316

CERCLIS Classification Data:

Site Incident Category: Not reported
Ownership Status: Private
EPA Notes: Not reported

Federal Facility: Not a Federal Facility
NPL Status: Proposed for NPL

CERCLIS Assessment History:

Assessment: DISCOVERY
Assessment: PRELIMINARY ASSESSMENT
Assessment: SITE INSPECTION
Assessment: EXPANDED SITE INSPECTION
Assessment: PROPOSAL TO NPL
Assessment: REMOVAL ASSESSMENT
Assessment: COMBINED RI/FS
Assessment: REMEDIAL ACTION
Assessment: REMEDIAL DESIGN
Assessment: RECORD OF DECISION

Completed: 01-JAN-88
Completed: 01-MAY-88
Completed: 02-MAY-89
Completed: 02-JUL-90
Completed: 07-FEB-92
Completed: 22-OCT-92
Completed: Not reported
Completed: Not reported
Completed: Not reported
Completed: Not reported

CERCLIS Site Status:

Not reported

NPL:

ID: Not reported
EPA/ID: CAD055753370
Haz. Rank Score: Not reported
Status: Not reported
Rank: Not reported
Group: Not reported
Ownership: Not reported
Permit: Not reported
Site Activities: Not reported
Site Condition: Not reported
Waste Type: Not reported
Waste Form: Not reported
Contaminants: Not reported
Distance to nearest Population: Not reported
Population within a 1 Mile Radius: Not reported
Population within a 2 Mile Radius: Not reported
Population within a 4 Mile Radius: Not reported
Vertical Distance to Aquifer: Not reported
Ground Water Use: Not reported
Distance to nearest Surface Water: Not reported

RCRIS:

Owner: ARTHUR AND VIOLA COOPER
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER
(213) 566-6103

Record Date: 08/18/80

Classification: Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1995

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	270800.00	D002	270800.00
F001	270800.00	F003	270800.00
F005	270800.00		

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

COOPER DRUM CO (Continued)

1000346316

Used Oil Recyc: No

Violation Status: No violations found

CAL-SITES:

Facility ID: 19500052
Facility Type: NPL SITE, RP-FUNDED
Status: Not reported
Status Date: 12/12/1996
Lead: EPA
Region: 3 - BURBANK
Branch: SA - SOUTHERN CA. - A
File Name: Not reported
Status Name: PROPERTY/SITE REFERRED TO RCRA
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY
NPL: Proposed
SIC: 50 WHOLESALE TRADE - DURABLE GOODS
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: GHOLMES
Region Water Control Board: LA - LOS ANGELES
Access: Controlled
Cortese: C
Hazardous Ranking Score: 13.36
Date Site Hazard Ranked: 03191990
Groundwater Contamination: Confirmed
No. of Contamination Sources: 0
Lat/Long: Not reported
Lat/long Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported
Activity: SITE INSPECTION
Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Activity: PRELIMINARY ASSESSMENT
Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Activity: DISCOVERY
Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Background: Not reported
Alternative Name: COOPER DRUM CO.
Alternative Addr: 9316 ATLANTIC AVENUE
SOUTH GATE, CA 90280
Alternative Name: COOPER DRUM
Alternative Addr: 9316 ATLANTIC AVENUE
SOUTH GATE, CA 90280
Alternative Name: COOPER DRUM & BARREL
Alternative Addr: 9316 ATLANTIC AVENUE
SOUTH GATE, CA 90280
Comment Date: 03/10/1981
Comment: Facility Identified: Drive-By - Two storage areas; one paved, one possibly paved. No runoff or ponding.
LACE - no records found.
RWQCB - no records found.
Complaint received by regional duty officer.
Facility Drive-By.
RWQCB-LA - files found.
LA County Health Dept - files and workplans found.
LA County Engineer - files found.
Preliminary Assessment Done: Documented evidence of soil

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

COOPER DRUM CO (Continued)

1000346316

contamination at the site. Downgradient well has been taken out of service due to PCE contamination. No evidence of upgradient well contamination. DHS is pending EPA action. PA submitted to EPA. LA County oversight for site characterization. EPA recommendation is SSI to determine extent of onsite contamination for inclusion on NPL.
Site Inspection Done: EPA Screening Site Inspection concluded that contaminants are present. EPA is recommending Listing Site Inspection. DHS requires completion of hazard ranking package.
DHS received EPA Federal Investigation Team (FIT) Listing Site Inspection. EPA recommendation is hazard ranking. HRS package completed on 3/19/90 and assigned a score of 13.36. Dept mailed the package to RP on 4/18/91 in order to review and make comments.
LA County, DHS, and Geotechnical Consultants notified DTSC in March & April 1992 of the anticipated installation of monitoring wells. LA County reviewed and approved the proposed workplan of January 3, 1990.
EPA is doing all site work. There may be a future need for S matching funds.
LA County referred the site to DTSC in 1994. USEPA is now the Lead Agency for the site as it is proposed for the NPL.

State UST:

Facility ID:	3137	Container Num:	1
Tank Num:	1	Year Installed:	1977
Tank Capacity:	10000		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	6 inches
Leak Detection:	Visual		
Contact Name:	ARTHUR COOPER	Telephone:	(213) 566-6103
Total Tanks:	9	Region:	Not reported
Facility Type:	2	Other Type:	MANUFACTURE
Facility ID:	3137	Container Num:	SUMP2
Tank Num:	2	Year Installed:	Not reported
Tank Capacity:	9000		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	6 inches
Leak Detection:	Visual		
Contact Name:	ARTHUR COOPER	Telephone:	(213) 566-6103
Total Tanks:	9	Region:	Not reported
Facility Type:	2	Other Type:	MANUFACTURE
Facility ID:	3137	Container Num:	SUMP1
Tank Num:	3	Year Installed:	Not reported
Tank Capacity:	9000		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	6 inches
Leak Detection:	Visual		
Contact Name:	ARTHUR COOPER	Telephone:	(213) 566-6103
Total Tanks:	9	Region:	Not reported
Facility Type:	2	Other Type:	MANUFACTURE

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

COOPER DRUM CO (Continued)

1000346316

Facility ID:	3137	Container Num:	3
Tank Num:	4	Year Installed:	1977
Tank Capacity:	10000		
Tank Used for:	WASTE	Tank Constrctn:	6 inches
Type of Fuel:	Not Reported	Telephone:	(213) 566-6103
Leak Detection:	Visual	Region:	Not reported
Contact Name:	ARTHUR COOPER	Other Type:	MANUFACTURE
Total Tanks:	9		
Facility Type:	2		
Facility ID:	3137	Container Num:	2
Tank Num:	5	Year Installed:	1977
Tank Capacity:	10000		
Tank Used for:	WASTE	Tank Constrctn:	6 inches
Type of Fuel:	Not Reported	Telephone:	(213) 566-6103
Leak Detection:	Visual	Region:	Not reported
Contact Name:	ARTHUR COOPER	Other Type:	MANUFACTURE
Total Tanks:	9		
Facility Type:	2		
Facility ID:	3137	Container Num:	PIT1
Tank Num:	6	Year Installed:	Not reported
Tank Capacity:	1500		
Tank Used for:	WASTE	Tank Constrctn:	6 inches
Type of Fuel:	Not Reported	Telephone:	(213) 566-6103
Leak Detection:	Visual	Region:	Not reported
Contact Name:	ARTHUR COOPER	Other Type:	MANUFACTURE
Total Tanks:	9		
Facility Type:	2		
Facility ID:	3137	Container Num:	PIT2
Tank Num:	7	Year Installed:	Not reported
Tank Capacity:	1500		
Tank Used for:	WASTE	Tank Constrctn:	6 inches
Type of Fuel:	Not Reported	Telephone:	(213) 566-6103
Leak Detection:	Visual	Region:	Not reported
Contact Name:	ARTHUR COOPER	Other Type:	MANUFACTURE
Total Tanks:	9		
Facility Type:	2		
Facility ID:	3137	Container Num:	WWSUMP1
Tank Num:	8	Year Installed:	Not reported
Tank Capacity:	300		
Tank Used for:	WASTE	Tank Constrctn:	4 inches
Type of Fuel:	Not Reported	Telephone:	(213) 566-6103
Leak Detection:	Visual	Region:	Not reported
Contact Name:	ARTHUR COOPER	Other Type:	MANUFACTURE
Total Tanks:	9		
Facility Type:	2		

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

COOPER DRUM CO (Continued)

1000346316

Facility ID:	3137	Container Num:	GAS TANK
Tank Num:	9	Year Installed:	Not reported
Tank Capacity:	6000		
Tank Used for:	PRODUCT	Tank Constrctn:	Not reported
Type of Fuel:	UNLEADED		
Leak Detection:	Stock Inventor	Telephone:	(213) 566-6103
Contact Name:	ARTHUR COOPER	Region:	Not reported
Total Tanks:	9	Other Type:	MANUFACTURE
Facility Type:	2		

Facility ID:	63444	Container Num:	SUMP-2
Tank Num:	1	Year Installed:	1982
Tank Capacity:	270		
Tank Used for:	WASTE	Tank Constrctn:	4 inches
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 566-6174
Contact Name:	ARTHUR COOPER	Region:	Not reported
Total Tanks:	4	Other Type:	DRUM MFG.
Facility Type:	2		

Facility ID:	63444	Container Num:	SUMP 1
Tank Num:	2	Year Installed:	1982
Tank Capacity:	480		
Tank Used for:	WASTE	Tank Constrctn:	4 inches
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 566-6174
Contact Name:	ARTHUR COOPER	Region:	Not reported
Total Tanks:	4	Other Type:	DRUM MFG.
Facility Type:	2		

Facility ID:	63444	Container Num:	CLARIFIER
Tank Num:	3	Year Installed:	1977
Tank Capacity:	750		
Tank Used for:	WASTE	Tank Constrctn:	4 inches
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 566-6174
Contact Name:	ARTHUR COOPER	Region:	Not reported
Total Tanks:	4	Other Type:	DRUM MFG.
Facility Type:	2		

Facility ID:	63444	Container Num:	CLARIFIER
Tank Num:	4	Year Installed:	1982
Tank Capacity:	8000		
Tank Used for:	WASTE	Tank Constrctn:	6 inches
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 566-6174
Contact Name:	ARTHUR COOPER	Region:	Not reported
Total Tanks:	4	Other Type:	DRUM MFG.
Facility Type:	2		

UST Orange County:

G31
WSW
1/4-1/2
Higher

COOPER DRUM
ATLANTIC AVE (9318)
SOUTH GATE, CA 90280

Cortese

S101298173
N/A

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

COOPER DRUM (Continued)

S101298173

CORTESE:

Facility ID: 19-029462

Data Source: CALSI

32
NW
1/4-1/2
Higher

ARMSTRONG WORLD INDUSTRIES
5037 PATATA ST
SOUTH GATE, CA 90280

FINDS 1000390052
RCRIS-LQG CAD088387741
TRIS
UST
HAZNET
HMS
LUST

RCRIS:

Owner: ARMSTRONG WORLD INDUSTRIES
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER
(213) 773-3813

Record Date: 08/14/80

Classification: Large Quantity Generator, Small Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1995

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	9343.90	D002	458.70
D009	50.00	D035	388.30
F002	458.70	F005	388.30

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

- Facility is monitored or permitted for air emissions under the Clean Air Act (under AFS/AIRS)

State LUST:

Facility Type	INACTIVE	Cross Street:	WILCOX AVE
Reg Board:	Los Angeles Region	Qty Leaked:	Not reported
Chemical:	Not reported		
Lead Agency:	Local Agency		
Case Type:	Undefined		
Status:	Signed off, remedial action completed or deemed unnecessary		
Review Date:	10/07/1996	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	10/07/1996	Release Date:	10/07/1996

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

ARMSTRONG WORLD INDUSTRIES (Continued)

1000390052

Facility Type	INACTIVE	Cross Street:	WILCOX AVE
Reg Board:	Los Angeles Region	Qty Leaked:	Not reported
Chemical:	Not reported		
Lead Agency:	Local Agency		
Case Type:	Undefined		
Status:	Signed off, remedial action completed or deemed unnecessary		
Review Date:	10/07/1996	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	10/07/1996	Release Date:	10/07/1996

LUST Region 4:

Report Date: 10/07/1996
Cross Street: WILCOX AVE
Lead Agency: Local Agency
Local Agency: 19000
Substance: Not reported
Case Number: R-11516
Case Type: Undefined

HAZNET:

Year:	1993	Tepaid:	CAD008302903
Gepaid:	CAD088387741	Telephone:	(213) 773-3813
Contact:	EARL EVANS PLANT CHEMIST	Tons:	Not reported
Gen County:	Los Angeles		
Tsd Name:	Not reported		
Tsd Address:	Not reported		
	Not reported		
	Not reported		
Tsd County:	Los Angeles		
Mailing Address:	PO BOX 3016		
	Not reported		
	SOUTH-GATE, CA 90280		
Category:	Unspecified aqueous solution		
Disposal Method:	Not reported		
Year:	Not reported		
Gepaid:	CAD088387741	Tepaid:	CAD008302903
Contact:	Not reported	Telephone:	Not reported
Gen County:	Not reported	Tons:	20
Tsd Name:	CHEM WASTE MGR		
Tsd Address:	1704 W FIRST ST		
	Not reported		
	AZUSA		
Tsd County:	Los Angeles		
Mailing Address:	Not reported		
	Not reported		
	Not reported		
Category:	Unspecified aqueous solution		
Disposal Method:	Disposal, other		

HMS:

Facility ID:	011474-011516	Facility Type:	T0
Permit Number:	00003065T	Permit Status:	Closed
Facility Status:	Permit	Area:	2J
Region:	Los Angeles County:		

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

ARMSTRONG WORLD INDUSTRIES (Continued)

1000390052

State UST:

Facility ID:	68698	Container Num:	0000000001
Tank Num:	1	Year Installed:	1946
Tank Capacity:	500		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrcn:	X centimeters
Leak Detection:	None		
Contact Name:	HARRISON C. GOFF	Telephone:	(213) 773-3813
Total Tanks:	1	Region:	Not reported
Facility Type:	2	Other Type:	FLOOR TILE MANUFACTU

UST Orange County:

33
East
1/2-1
Higher

5702 FIRESTONE PLACE
SOUTHGATE, CA 90280

CHMIRS

S100277133
N/A

CHMIRS:

OES Control Number:	9114985	DOT ID:	1760
DOT Hazard Class:	Corrosives		
Chemical Name:	NITRIC ACID		
Extent of Release:	Not reported		
CAS Number:	7697372	Quantity Released:	30
Environmental Contamination:	Ground	Property Use:	Manufacturing
Incident Date:	17-JAN-91	Date Completed:	17-JAN-91

H34
ENE
1/2-1
Higher

ARCO VINVALE TERMINAL
GARFIELD AVE S. (8601)
SOUTH GATE, CA 90280

Cortese
LUST

S101298186
N/A

State LUST:

Facility Type	ACTIVE	Cross Street:	FIRESTONE PL
Reg Board:	Los Angeles Region	Qty Leaked:	Not reported
Chemical:	Gasoline		
Lead Agency:	Regional Board		
Case Type:	Other ground water affected		
Status:	Leak being confirmed		
Review Date:	05/14/1997	Confirm Leak:	02/12/1990
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported	Release Date:	11/30/1989

LUST Region 4:

Report Date:	11/30/1989
Cross Street:	FIRESTONE PL
Lead Agency:	Regional Board
Local Agency:	19000
Substance:	8006619
Case Number:	R-11466
Case Type:	Other ground water affected

CORTESE:

Facility ID:	19-001692	Data Source:	LTNKA
--------------	-----------	--------------	-------

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site	Database(s)	EDR ID Number EPA ID Number
H35 ENE 1/2-1 Higher	HAZNET Cal-Sites	S101480689 N/A

CAL-SITES:

Facility ID: 19290103
 Facility Type: N/A
 Status: Not reported
 Status Date: 10/25/1994
 Lead: Not reported
 Region: 3 - BURBANK
 Branch: SA - SOUTHERN CA. - A
 File Name: Not reported
 Status Name: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
 Lead Agency: N/A
 NPL: Not reported
 SIC: 29 MANU - PETROLEUM & COAL PRODUCTS
 Staff Member Responsible for Site: Not reported
 Supervisor Responsible for Site: MMONROY
 Region Water Control Board: Not reported
 Access: Not reported
 Cortese: Not reported
 Hazardous Ranking Score: Not reported
 Date Site Hazard Ranked: Not reported
 Groundwater Contamination: Not reported
 No. of Contamination Sources: 0
 Lat/Long: Not reported
 Lat/long Method: Not reported
 State Assembly District Code: Not reported
 State Senate District: Not reported
 Activity: SITE SCREENING
 Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
 Activity: PRELIMINARY ASSESSMENT
 Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
 Activity: DISCOVERY
 Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
 Background: Not reported
 Alternative Name: RCO VINVALE REFINERY
 Alternative Addr: 8600 SOUTH GARFIELD
 SOUTH GATE, CA 90280
 Alternative Name: ATLANTIC RICHFIELD
 Alternative Addr: 8600 SOUTH GARFIELD
 SOUTH GATE, CA 90280
 Alternative Name: ALIFORNIA WESTERN
 Alternative Addr: 8600 SOUTH GARFIELD
 SOUTH GATE, CA 90280
 Alternative Name: MERICAN MINERAL SPIRITS
 Alternative Addr: 8600 SOUTH GARFIELD
 SOUTH GATE, CA 90280
 Alternative Name: ALSOL INC
 Alternative Addr: 8600 SOUTH GARFIELD
 SOUTH GATE, CA 90280
 Alternative Name: INVALE STORAGE & DISTRIBUTORS
 Alternative Addr: 8600 SOUTH GARFIELD
 SOUTH GATE, CA 90280
 Alternative Name: ICHFIELD OIL CORPORATION #1
 Alternative Addr: 8600 SOUTH GARFIELD
 SOUTH GATE, CA 90280

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site	Database(s)	EDR ID Number EPA ID Number
------	-------------	--------------------------------

ATLANTIC RICHFIELD VINVALE TERMINAL (Continued)

S101480689

Comment Date: 11/17/1980
 Comment: LACSD (ATLANTIC)-WASTEWATER SEWERED
 FACILITY DRIVE-BY PAVED BULK TRANSFER TERMINAL.
 OPNS 1952
 FACILITY ID HIST SEARCH
 LACE NO RECORD
 RWQCB NO RECORD
 FACILITY DRIVE-BY INACTIVE OCCUPIED BY INDUST COMPLEX
 FACILITY DRIVE-BY FIRM STILL ON SITE. LARGE PETROLEUM TANK
 FACILITY IDENTIFIED ID FROM ERRIS
 FACILITY DRIVE-BY 3012 STAFF
 SOURCE ACT: T/C W/ A. POPE, 213-486-1913
 4/3/84 - NON PETROLEUM REFINING
 (ARCO) GENERATOR, LDFL WASTE: PETROLEUM
 REFINING WASTE.
 SUBMIT TO EPA
 PRELIM ASSESS DONE RCRA 3012
 Site screening/file review indicate NFA for DTSC.

36
NW
1/2-1
Higher

BALSSER TRUCKING
WILCOX AVE (8332)
SOUTH GATE, CA 90280

Cortese

S101298200
N/A

CORTESE:
 Facility ID: 19-003753 Data Source: LTNKA

37
WNW
1/2-1
Higher

ARCO #1289
FIRESTONE BLVD E. (4861)
SOUTH GATE, CA 90280

Cortese
LUST

S101298178
N/A

State LUST:
 Facility Type: ACTIVE
 Reg Board: Los Angeles Region
 Chemical: Gasoline
 Lead Agency: Regional Board
 Case Type: Other ground water affected
 Status: Pollution characterization
 Review Date: 07/14/1997
 Workplan: Not reported
 Pollution Char: 02/28/1997
 Remed Action: Not reported
 Close Date: Not reported
 Cross Street: ATLANTIC BLVD
 Qty Leaked: Not reported
 Confirm Leak: Not reported
 Prelim Assess: 05/29/1992
 Remed Plan: Not reported
 Monitoring: Not reported
 Release Date: 05/29/1992

LUST Region 4:
 Report Date: 05/29/1992
 Cross Street: ATLANTIC BLVD
 Lead Agency: Regional Board
 Local Agency: 19000
 Substance: 8006619
 Case Number: I-12054
 Case Type: Other ground water affected

CORTESE:
 Facility ID: 19-003629 Data Source: LTNKA

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
38 South 1/2-1 Higher	W. A. WOODS INDUSTRIES, INC. FRONTAGE RD W. (10120) SOUTH GATE, CA 90280 CORTESE: Facility ID: 19-001739 Data Source: LTNKA	Cortese	S101298182 N/A
39 WNW 1/2-1 Higher	8610 SOUTH ATLANTIC SOUTH GATE, CA 90280 CHMIRS: OES Control Number: 9115487 DOT ID: 2783 DOT Hazard Class: Poisonous and etiologic (infectious) material Chemical Name: PARATHION Extent of Release: Not reported CAS Number: Not reported Quantity Released: 4 Environmental Contamination: Air Property Use: Manufacturing Incident Date: 19-FEB-91 Date Completed: 20-FEB-91	CHMIRS	S100280276 N/A
40 SSE 1/2-1 Higher	FIOLA INTERNATIONAL PROPERTY FRONTAGE RD E. (9850) SOUTH GATE, CA 90280 State LUST: Facility Type: INACTIVE Cross Street: Not reported Reg Board: Los Angeles Region Qty Leaked: Not reported Chemical: Hydrocarbons Lead Agency: Regional Board Case Type: Soil only Status: Signed off, remedial action completed or deemed unnecessary Review Date: 06/30/1992 Confirm Leak: Not reported Workplan: Not reported Prelim Assess: 01/23/1992 Pollution Char: Not reported Remed Plan: Not reported Remed Action: Not reported Monitoring: Not reported Close Date: 07/23/1996 Release Date: 01/23/1992 Facility Type: INACTIVE Cross Street: Not reported Reg Board: Los Angeles Region Qty Leaked: Not reported Chemical: Hydrocarbons Lead Agency: Regional Board Case Type: Soil only Status: Signed off, remedial action completed or deemed unnecessary Review Date: 06/30/1992 Confirm Leak: Not reported Workplan: Not reported Prelim Assess: 01/23/1992 Pollution Char: Not reported Remed Plan: Not reported Remed Action: Not reported Monitoring: Not reported Close Date: 07/23/1996 Release Date: 01/23/1992 CORTESE: Facility ID: 19-003386 Data Source: LTNKA	Cortese LUST	S101298181 N/A
41 ENE 1/2-1 Higher	CHALLENGE MARKETING #10 EASTERN (8202) BELL GARDENS, CA 90201	Cortese	S101295618 N/A

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

CHALLENGE MARKETING #10 (Continued)

S101295618

CORTESE:

Facility ID: 19-002653

Data Source: LTNKA

I42
SSE
1/2-1
Higher

GUARDSMAN PRODUCTS INC.
MILLER WAY (9845)
SOUTH GATE, CA 90280

Cortese

S101298195
N/A

CORTESE:

Facility ID: 19-001801

Data Source: LTNKA

I43
SSE
1/2-1
Higher

LILLY INDUSTRIES INC
9845 MILLER WAY
SOUTH GATE, CA 90280

FINDS
RCRIS-LQG
TRIS
CORRACTS
CERC-NFRAP
UST
LUST

1000354837
CAD000096305

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported

Ownership Status: Private

EPA Notes: Not reported

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY

Assessment: PRELIMINARY ASSESSMENT

Completed: 01-JAN-91

Completed: 06-SEP-91

CORRACTS Data:

Prioritization: Medium

Status: Not reported

RCRIS:

Owner: LILLY INDUSTRIES INC
(317) 687-6722

Contact: ENVIRONMENTAL MANAGER
(213) 927-5501

Record Date: 07/17/96

Classification: Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1995

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	619263.55	D035	352516.26
F002	619263.55	F003	619263.55
F005	619263.55		

Used Oil Recyc: No

Violation Status: Violations exist

There are 3 compliance/violation record(s) reported at this site:

Evaluation

Compliance Evaluation Inspection (CEI)

Area of Violation

Generator-All Requirements

Date of
Compliance
06/30/94

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

LILLY INDUSTRIES INC (Continued)

1000354837

Financial Record Review (FRR)
Financial Record Review (FRR)

TSD-Financial Responsibility Requirements
Generator-All Requirements

08/10/86

State LUST:

Facility Type: ACTIVE
Reg Board: Los Angeles Region
Chemical: Solvents
Lead Agency: Local Agency
Case Type: Soil only
Status: Pollution characterization
Review Date: 03/02/1992
Workplan: Not reported
Pollution Char: 02/06/1992
Remed Action: Not reported
Close Date: Not reported

Cross Street: GARFIELD/STEWART/GRY
Qty Leaked: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported
Release Date: 06/15/1988

State UST:

Facility ID: 20997
Tank Num: 1
Tank Capacity: 12000
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual, Stock Inventor
Contact Name: MMICHAEL GILDON
Total Tanks: 23
Facility Type: 2

Container Num: 1
Year Installed: 1960

Tank Constrctn: Not reported
Telephone: (213) 927-5501
Region: Not reported
Other Type: MFG. OF IND. COATING

Facility ID: 20997
Tank Num: 2
Tank Capacity: 12000
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual, Stock Inventor
Contact Name: MMICHAEL GILDON
Total Tanks: 23
Facility Type: 2

Container Num: 2
Year Installed: 1960
Tank Constrctn: Not reported

Telephone: (213) 927-5501
Region: Not reported
Other Type: MFG. OF IND. COATING

Facility ID: 20997
Tank Num: 3
Tank Capacity: 4000
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual, Stock Inventor
Contact Name: MMICHAEL GILDON
Total Tanks: 23
Facility Type: 2

Container Num: 3
Year Installed: 1960
Tank Constrctn: Not reported

Telephone: (213) 927-5501
Region: Not reported
Other Type: MFG. OF IND. COATING

Facility ID: 20997
Tank Num: 4
Tank Capacity: 4000
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual, Stock Inventor
Contact Name: MMICHAEL GILDON
Total Tanks: 23
Facility Type: 2

Container Num: 4
Year Installed: 1960
Tank Constrctn: Not reported

Telephone: (213) 927-5501
Region: Not reported
Other Type: MFG. OF IND. COATING

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

LILLY INDUSTRIES INC (Continued)

1000354837

Facility ID:	20997	Container Num:	5
Tank Num:	5	Year Installed:	1960
Tank Capacity:	4000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	Not reported
Facility Type:	2	Other Type:	MFG. OF IND. COATING
Facility ID:	20997	Container Num:	6
Tank Num:	6	Year Installed:	1960
Tank Capacity:	4000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	Not reported
Facility Type:	2	Other Type:	MFG. OF IND. COATING
Facility ID:	20997	Container Num:	7
Tank Num:	7	Year Installed:	1960
Tank Capacity:	4000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	Not reported
Facility Type:	2	Other Type:	MFG. OF IND. COATING
Facility ID:	20997	Container Num:	8
Tank Num:	8	Year Installed:	1960
Tank Capacity:	4000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	Not reported
Facility Type:	2	Other Type:	MFG. OF IND. COATING
Facility ID:	20997	Container Num:	9
Tank Num:	9	Year Installed:	1960
Tank Capacity:	2000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	Not reported
Facility Type:	2	Other Type:	MFG. OF IND. COATING

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

LILLY INDUSTRIES INC (Continued)

1000354837

Facility ID:	20997	Container Num:	10
Tank Num:	10	Year Installed:	1960
Tank Capacity:	2000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	Not reported
Facility Type:	2	Other Type:	MFG. OF IND. COATING
Facility ID:	20997	Container Num:	11
Tank Num:	11	Year Installed:	1960
Tank Capacity:	3000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	Not reported
Facility Type:	2	Other Type:	MFG. OF IND. COATING
Facility ID:	20997	Container Num:	12
Tank Num:	12	Year Installed:	1960
Tank Capacity:	3000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	Not reported
Facility Type:	2	Other Type:	MFG. OF IND. COATING
Facility ID:	20997	Container Num:	13
Tank Num:	13	Year Installed:	1960
Tank Capacity:	3000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	Not reported
Facility Type:	2	Other Type:	MFG. OF IND. COATING
Facility ID:	20997	Container Num:	14
Tank Num:	14	Year Installed:	1960
Tank Capacity:	3000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	Not reported
Facility Type:	2	Other Type:	MFG. OF IND. COATING

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

LILLY INDUSTRIES INC (Continued)

1000354837

Facility ID:	20997	Container Num:	15
Tank Num:	15	Year Installed:	1960
Tank Capacity:	3000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	Not reported
Facility Type:	2	Other Type:	MFG. OF IND. COATING
Facility ID:	20997	Container Num:	16
Tank Num:	16	Year Installed:	1960
Tank Capacity:	3000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	Not reported
Facility Type:	2	Other Type:	MFG. OF IND. COATING
Facility ID:	20997	Container Num:	17
Tank Num:	17	Year Installed:	1960
Tank Capacity:	3000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	Not reported
Facility Type:	2	Other Type:	MFG. OF IND. COATING
Facility ID:	20997	Container Num:	18
Tank Num:	18	Year Installed:	1960
Tank Capacity:	3000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	Not reported
Facility Type:	2	Other Type:	MFG. OF IND. COATING
Facility ID:	20997	Container Num:	19
Tank Num:	19	Year Installed:	1960
Tank Capacity:	3000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	Not reported
Facility Type:	2	Other Type:	MFG. OF IND. COATING

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

LILLY INDUSTRIES INC (Continued)

1000354837

Facility ID:	20997	Container Num:	20
Tank Num:	20	Year Installed:	1960
Tank Capacity:	5000		
Tank Used for:	PRODUCT	Tank Constrctn:	Not reported
Type of Fuel:	Not Reported	Telephone:	(213) 927-5501
Leak Detection:	Visual, Stock Inventor	Region:	Not reported
Contact Name:	MMICHAEL GILDON	Other Type:	MFG. OF IND. COATING
Total Tanks:	23		
Facility Type:	2		
Facility ID:	20997	Container Num:	21
Tank Num:	21	Year Installed:	1977
Tank Capacity:	10000		
Tank Used for:	PRODUCT	Tank Constrctn:	Not reported
Type of Fuel:	Not Reported	Telephone:	(213) 927-5501
Leak Detection:	Visual, Stock Inventor	Region:	Not reported
Contact Name:	MMICHAEL GILDON	Other Type:	MFG. OF IND. COATING
Total Tanks:	23		
Facility Type:	2		
Facility ID:	20997	Container Num:	22
Tank Num:	22	Year Installed:	1977
Tank Capacity:	10000		
Tank Used for:	PRODUCT	Tank Constrctn:	Not reported
Type of Fuel:	Not Reported	Telephone:	(213) 927-5501
Leak Detection:	Visual, Stock Inventor	Region:	Not reported
Contact Name:	MMICHAEL GILDON	Other Type:	MFG. OF IND. COATING
Total Tanks:	23		
Facility Type:	2		
Facility ID:	20997	Container Num:	23
Tank Num:	23	Year Installed:	1977
Tank Capacity:	10000		
Tank Used for:	PRODUCT	Tank Constrctn:	Not reported
Type of Fuel:	Not Reported	Telephone:	(213) 927-5501
Leak Detection:	Visual, Stock Inventor	Region:	Not reported
Contact Name:	MMICHAEL GILDON	Other Type:	MFG. OF IND. COATING
Total Tanks:	23		
Facility Type:	2		

UST Orange County:

44
NW
1/2-1
Higher

ALFA MIRRORS INC.
CECILIA ST (4935)
CUDAHY, CA 90201

Cortese
HMS
LUST

S100272173
N/A

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site	Database(s)	EDR ID Number EPA ID Number
------	-------------	--------------------------------

ALFA MIRRORS INC. (Continued)

S100272173

State LUST:

Facility Type	INACTIVE	Cross Street:	WILCOX AVE
Reg Board:	Los Angeles Region	Qty Leaked:	Not reported
Chemical:	Diesel		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
Review Date:	04/06/1992	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	12/30/1991
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	04/06/1992	Release Date:	11/27/1990

Facility Type	INACTIVE	Cross Street:	WILCOX AVE
Reg Board:	Los Angeles Region	Qty Leaked:	Not reported
Chemical:	Diesel		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
Review Date:	04/06/1992	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	12/30/1991
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	04/06/1992	Release Date:	11/27/1990

CORTESE:

Facility ID: 19-065623 Data Source: LTNKA

HMS:

Facility ID:	014975-015837	Facility Type:	Not reported
Permit Number:	Not reported	Permit Status:	Not reported
Facility Status:	Removed	Area:	2Y
Region:	Los Angeles County:		

45
ENE
1/2-1
Higher

GARFIELD MOBILE PARK
8422 GARFIELD AVE
BELL GARDENS, CA 90201

Cal-Sites

S100196705
N/A

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

GARFIELD MOBILE PARK (Continued)

S100196705

CAL-SITES:

Facility ID: 19290001
Facility Type: N/A
Status: Not reported
Status Date: 10/17/1994
Lead: Not reported
Region: 3 - BURBANK
Branch: SB - SOUTHERN CA. - B
File Name: Not reported
Status Name: NO FURTHER ACTION FOR DTSC
Lead Agency: N/A
NPL: Not reported
SIC: 29 MANU - PETROLEUM & COAL PRODUCTS
Staff Member Responsible for Site: WILDER
Supervisor Responsible for Site: MMONROY
Region Water Control Board: LA - LOS ANGELES
Access: Uncontrolled
Cortese: U
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0
Lat/Long: Not reported
Lat/long Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported
Activity: SITE SCREENING
Activity Status: NO FURTHER ACTION FOR DTSC
Activity: SITE SCREENING
Activity Status: NO FURTHER ACTION FOR DTSC
Activity: PRELIMINARY ASSESSMENT
Activity Status: NO FURTHER ACTION FOR DTSC
Activity: SITE SCREENING
Activity Status: NO FURTHER ACTION FOR DTSC
Activity: DISCOVERY
Activity Status: NO FURTHER ACTION FOR DTSC
Background: Not reported
Alternative Name: ARFIELD MOBILE PARK
Alternative Addr: 8422 GARFIELD AVENUE
BELL GARDENS, CA 90201
Comment Date: 01/05/1988
Comment: FACILITY IDENTIFIED FACILITY OWNER CALLED DHS TO REPORTED
OIL-LIKE SUBSTANCE COMING OUT OF GROUND
FACILITY DRIVE-BY PAVEMENT CRACKING IN SPOTS WITH BLACK
STAINS SURROUNDING CRACKS
SITE SCREENING DONE PA HIGH RECOM. DUE TO NEAR BY OIL
REFINERY, RESIDENTIAL COMPLAINTS, OIL-
LIKE SUBSTANCES COMING OUT OF GROUND
AT VARIOUS LOCATIONS
PRELIM ASSESS DONE PA COMPLETE. NFA. MATERIAL WAS FOUND TO
BE NATURALLY OCCURRING.
DATABASE VERIFICATION PROJECT CONFIRMS NFA FOR DTSC.

J46
North
1/2-1
Higher

PARK AVENUE ELEMENTARY SCHOOL - CUDAHY
PARK AVE (8020)
CUDAHY, CA 90201

Cortese

S101296031
N/A

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

PARK AVENUE ELEMENTARY SCHOOL - CUDAHY (Continued)

S101296031

CORTESE:

Facility ID: 19-064496

Data Source: CALSI

J47
North
1/2-1
Higher

PARK AVENUE ELEMENTARY SCHOOL
8020 PARK AVE
CUD, CA 90201

Site Mitig
Cal-Sites

S100183985
N/A

CAL-SITES:

Facility ID: 19490127
Facility Type: RESPONSIBLE PARTY
Status: Not reported
Status Date: 12/07/1994
Lead: DTSC
Region: 3 - BURBANK
Branch: SB - SOUTHERN CA. - B
File Name: Not reported
Status Name: BACKLOG - POTENTIAL AWP SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC: 49 ELECTRIC, GAS & SANITARY SERVICES
Staff Member Responsible for Site: ERAYAS
Supervisor Responsible for Site: MMONROY
Region Water Control Board: LA - LOS ANGELES
Access: Uncontrolled
Cortese: U
Hazardous Ranking Score: 20.69
Date Site Hazard Ranked: 10301989
Groundwater Contamination: Suspected
No. of Contamination Sources: 1
Lat/Long: 33° 57' 45" / 118° 10' 19"
Lat/long Method: TEALE ADDRESS MATCH
State Assembly District Code: Not reported
State Senate District: Not reported
Activity: REMOVAL ACTION
Activity Status: BACKLOG - POTENTIAL AWP SITE
Activity: I/SE, IORSE, FFA, FFSRA, VCA, EA
Activity Status: BACKLOG - POTENTIAL AWP SITE
Activity: FOCUSED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Activity Status: BACKLOG - POTENTIAL AWP SITE
Activity: PUBLIC PARTICIPATION PLAN
Activity Status: BACKLOG - POTENTIAL AWP SITE
Activity: EXPEDITED RESPONSE ACTION
Activity Status: BACKLOG - POTENTIAL AWP SITE
Activity: SITE SCREENING
Activity Status: BACKLOG - POTENTIAL AWP SITE
Activity: PRELIMINARY ASSESSMENT
Activity Status: BACKLOG - POTENTIAL AWP SITE
Activity: DISCOVERY
Activity Status: BACKLOG - POTENTIAL AWP SITE
Background: Historical site data indicates that the Park Avenue Elementary School property, along with the City of Cudahy Civic Center and Pard located adjacent to the school, had been a landfill or dump since at least the late 1920's. The property had been used for waste oil disposal and as an open access rubbish dump. The school property lies on a portion of what was once known as the B.H. Steepleton Landfill. A glass factory or glass recycling operation was located at the northern end of the school property. The City

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

PARK AVENUE ELEMENTARY SCHOOL (Continued)

S100183985

of Cudahy Park lies on a southern portion of the B.H. Steepleton Landfill but mainly on what was known as the Vloedman Dump. The Park Avenue Elementary School was constructed on the property in 1968 after the Los Angeles Unified School District (LAUSD) purchased the property from the County of Los Angeles. The school property has a history of methane gas build up, apparently due to the landfills decomposition of waste. Perforated pipe lines were installed to ventilate the area of gas buildup. The following contaminants have been identified onsite: total petroleum hydrocarbons from tar and oil sludge, methane, methylene chloride, phenanthrene, methyl naphthalene, chromium, lead, and toluene.

Limited groundwater information indicates the presence of total recoverable petroleum hydrocarbons in a semi-perched aquifer below the site. Water from this aquifer is not utilized as a drinking water source, although it may serve as a conduit to lower aquifers which are utilized for drinking water. If lower aquifers do become contaminated, residents affected would be approximately 20,000 in a three mile radius.

Possible pathways include direct contact to a tar-like substance that sporadically appears at the site and the potential for groundwater contamination.

Receptors include school children, faculty, maintenance workers, as well as animals which may gain access to the site. Past activities conducted at the site to date include a Preliminary Site Assessment conducted by DHS in March of 1986 for the B.H. Steepleton Landfill, a.k.a. Park Avenue Elementary School. In June of 1989, DHS was notified of a release of a tar-like substance at the school. Samples of the substance were taken and analyses indicated that the substance exhibited a corrosive characteristic. The LAUSD was directed by DHS to take precautionary measures to ensure the safety of the school children and faculty. An Expedited Response Action to fence and post the site was completed in July 1989. In order to conduct further site characterization, LAUSD closed the school in July 1989, a focused site investigation was conducted by the LAUSD in August 1989. The Environmental Protection Agency (EPA) conducted a site investigation in September 1989. A Hazard Ranking System (HRS) Package was prepared in October 1989. In June 1990, DHS approved the design and workplan for interim remedial measures to stabilize the site. The measures consisted of a cap which included an impermeable barrier for the containment of the tar-like substances and a system to ventilate gases from underneath the school's play ground. These measures were completed in October 1990. A Phase I Remedial Investigation was conducted in July 1990. A Consent Order was signed by LAUSD and the Department in August 1990. A workplan for the Focused Remedial Investigation/Feasibility Study on groundwater was reviewed by the Department and comments were submitted to the LAUSD in July 1991. No further work has been conducted at the site. LAUSD was unable to allocate money to their budget to conduct the investigation and thus requested an extension until July 1993 to continue with the site investigation clean up.

Alternative Name: UDAHY DUMP

Alternative Addr: SANTA ANA STREET AND PARK AVENUE
CUDAHY, CA 90201

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

PARK AVENUE ELEMENTARY SCHOOL (Continued)

S100183985

Alternative Name: LOEDMAN DUMP
Alternative Addr: SANTA ANA STREET AND PARK AVENUE
CUDAHY, CA 90201
Alternative Name: H STEEPLETON LANDFILL
Alternative Addr: SANTA ANA STREET AND PARK AVENUE
CUDAHY, CA 90201
Alternative Name: ARK AVENUE ELEMENTARY SCHOOL - CUDAHY
Alternative Addr: SANTA ANA STREET AND PARK AVENUE
CUDAHY, CA 90201
Alternative Name: TEEPLETON LANDFILL
Alternative Addr: SANTA ANA STREET AND PARK AVENUE
CUDAHY, CA 90201
Comment Date: 01/15/1981
Comment: Facility Identified: LACE. Master Index Countywide Plan
File & Permit destroyed.
Records Search: RWQCB - no records.
Facility Drive-By: Apartment complex, school, houses.
Site referred to HWMB/Enforcement.
County Health Inspection: Passive gas system under building.
Abandoned Site Assessment Program (ASAP) Drive-by.
School District Inspections: Methane detected.
Little information available. Site operated some time
before 1949. Site currently developed--city government
building and park. Vloedman site submitted to EPA.
Vloedman site listed in Rank 11 of the RWB's solid waste
disposal site ranking. Site will be assessed in 1996.
Report due in 01/01/97. Studies to include air releases
and chemical constituents re potential groundwater releases.
Preliminary Assessment Done: Methane detected by gas company
in 1979. School built over landfill. School installed
ventilation pipes. In 1985, 160 to 200 ppm gas detected by
County Health Dept. Methane detected by school in 1986.
Preliminary Assessment submitted to EPA.
Site reported for Proposition 65.
Site screening done on Vloedman Site: reassessment of PA
done by E&E. PA recommends a medium priority SSI under
CERCLA because there is a potential release to groundwater
and there is no information available on types of waste
disposed of at the site.
ERA: Fence and post.
Site screening done on EPA SSI of Vloedman site. SSI recom-
mends a listing Site Inspection.
This is the date the site was first listed pursuant to
section 25356.
FRIFS: Soils and air.
Removal Action: Capping.
Elementary school and park contaminated with tar, oil,
oil sludges, rubbish, methane, methylene chloride, phen-
athrene, methyl naphthalene, chromium, lead, and toluene.
EPA recommended NFA on Vloedman site. DTSC recommends
combining Vloedman with Park Ave. School, an AWP site.
Vloedman site deleted from database and information
consolidated here.
EPA Region IX conducted Site Inspection Prioritization. The
decision made was 'Further Assessment Needed Under CERCLA:
Lower Priority HRS Evaluation.'
Work at this site has ceased due to the School District

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site	Database(s)	EDR ID Number EPA ID Number
------	-------------	--------------------------------

PARK AVENUE ELEMENTARY SCHOOL (Continued)

S100183985

lack of financial responsibility.

Site Mitigation Log:

Case Number:	89S106
Abatement Date:	Not reported
Thomas Guide Page Numbers:	0705E2

48
NW
1/2-1
Higher

SYSTEM DISPOSAL SERVICE INC.
CECELIA ST (4841)
CUDAHY, CA 90201

Cortese

S101296030
N/A

CORTESE:

Facility ID: 19-001755	Data Source: LTNKA
------------------------	--------------------

49
West
1/2-1
Higher

AMERON
FIRESTONE BLVD E. (4671)
SOUTH GATE, CA 90280

Cortese

S101298177
N/A

CORTESE:

Facility ID: 19-002425	Data Source: LTNKA
------------------------	--------------------

50
SSW
1/2-1
Higher

RIVERTON STEEL CONSTRUCTION
ADELLA AVE (10130)
SOUTH GATE, CA 90280

Cortese

S101298171
N/A

CORTESE:

Facility ID: 19-014595	Data Source: LTNKA
------------------------	--------------------

51
NW
1/2-1
Higher

CUDAHY BUILDING MATERIALS
ATLANTIC AVE (8331)
CUDAHY, CA 90201

Cortese
LUST

S101296026
N/A

State LUST:

Facility Type	INACTIVE	Cross Street:	CECELIA ST
Reg Board:	Los Angeles Region	Qty Leaked:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
Review Date:	09/30/1993	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	01/02/1991
Pollution Char:	02/25/1992	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	11/25/1992	Release Date:	01/28/1991

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

CUDAHY BUILDING MATERIALS (Continued)

S101296026

Facility Type	INACTIVE	Cross Street:	CECELIA ST
Reg Board:	Los Angeles Region	Qty Leaked:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
Review Date:	09/30/1993	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	01/02/1991
Pollution Char:	02/25/1992	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	11/25/1992	Release Date:	01/28/1991

LUST Region 4:
Report Date: 01/28/1991
Cross Street: CECELIA ST
Lead Agency: Local Agency
Local Agency: 19000
Substance: 8006619
Case Number: I-15953
Case Type: Soil only

CORTESE:
Facility ID: 19-003026 Data Source: LTNKA

52
West
1/2-1
Higher

8958 KAUFFMAN
SOUTH GATE, CA 90280

CHMIRS

S100281072
N/A

CHMIRS:
OES Control Number: 9991813 DOT ID: 2073
DOT Hazard Class: Corrosives
Chemical Name: AMMONIA
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: Not reported
Environmental Contamination: None Reported Property Use: Residential
Incident Date: 14-JUL-88 Date Completed: 14-JUL-88

K53
ENE
1/2-1
Higher

W C HARDESTY
6052 SHULL ST
BELL GARDENS, CA 90201

FINDS 1000116847
CERC-NFRAP CAD981425184
WMUDS
Cal-Sites

CERCLIS-NFRAP Classification Data:
Site Incident Category: Not reported
Ownership Status: Unknown
EPA Notes: Not reported
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
CERCLIS-NFRAP Assessment History:
Assessment: DISCOVERY Completed: 01-AUG-86
Assessment: PRELIMINARY ASSESSMENT Completed: 01-MAR-87
Assessment: PRELIMINARY ASSESSMENT Completed: 16-FEB-89
CERCLIS-NFRAP Alias Name(s):
DEE'S TRAILER PARK
METAL SURFACES INC (CKA)

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

W C HARDESTY (Continued)

1000116847

CAL-SITES:

Facility ID 19490123
Facility Type: N/A
Status: Not reported
Status Date: 08/31/1995
Lead: Not reported
Region: 3 - BURBANK
Branch: SA - SOUTHERN CA. - A
File Name: Not reported
Status Name: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Lead Agency: N/A
NPL: Not reported
SIC: 49 ELECTRIC, GAS & SANITARY SERVICES
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: LA - LOS ANGELES
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0
Lat/Long: Not reported
Lat/long Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported
Activity: SITE SCREENING
Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Activity: DISCOVERY
Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Background: Not reported
Alternative Name: EE'S TRAILER PARK (PRIOR TO 1976)
Alternative Addr: 6060 SHULL ST (METSL SURFACES OWNS BOTH)
BELL GARDENS, CA 90201
Alternative Name: ETAL SURFACES INC
Alternative Addr: 6060 SHULL ST (METSL SURFACES OWNS BOTH)
BELL GARDENS, CA 90201
Alternative Name: C HARDESTY
Alternative Addr: 6060 SHULL ST (METSL SURFACES OWNS BOTH)
BELL GARDENS, CA 90201
Comment Date: 01/13/1981
Comment: FACILITY IDENTIFIED FAC ID LACE
LACE MASTER INDEX COUNTY WIDE PLAN
RWQCB NO RECORD
FACILITY DRIVE-BY ASP. STORAGE OF METAL ON PALLETS. EMPTY
LOT.
CLASS UNKNOWN
FINAL STRATEGY SITE REFERRED: TO HWMB/ENF
FACILITY DRIVE-BY ASAP. HUT AT THE REAR W/ TANKS & DRUMS.
MAY BE RECOVERY SYSTEM
NO INFO ABOUT W.D.HARDESTY, LANDFILL.
(METAL) SOURC ACT: PLATING & POLISHING.
FAC: CLARIFIER, ROLL-OFF BIN, POLLUTION
ABATEMENT SYSTEM. TANK, DRUMS. WASTE
TYPE: METAL SALTS, 1,1,1-TRICHLOROETHANE,
AMMONIUM NITRATE, CHROME V1, ACID & ALKL
SOLN, SLUDGE CAKE. WASTE TRANSP TO HZD WST

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

W C HARDESTY (Continued)

1000116847

LDFL. LIQUID WASTES TO SEWER. YR OF OPER
1965 TO PRESENT.
1956 AIRPHOTO SHOWS LARGE BLACK OVAL PIT
IN SE CORNER OF PROPERTY
ASSESSOR, WATER RESOURCE,HWDC.
SUBMIT TO EPA
SITE SCREENING DONE CERCLIS SITE. ALSO AWAITING SWAT ASSESS
MENT. AB3525 SITE.
REPORTED FOR PROP65
ON CORTESE LIST
EPA lead.

WMUDS:

Date of Last Facility Edit:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System ID:	4 190337NUR
Solid Waste Information ID:	Not reported
Waste Discharge System:	False
Solid Waste Assessment Test Program:	True
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act Program:	False
Department of Defense:	Not reported
Open to Public:	False
Number of WMUDS at Facility:	Not reported
Facility Contact:	Not reported
Facility Telephone:	Not reported
Primary Standard Industrial Classification:	Not reported
Secondary Standard Industrial Classification:	Not reported
Solid Waste Assessment Test Program Name:	Not reported
Threat to Water Quality:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	Not reported
Sub Chapter 15:	False
Reg. Board Project Officer:	LT
Total Waste Mgmt Units:	1
Section Range:	Not reported
RCRA Facility:	Not reported
Waste Discharge Requirements:	Not reported
Base Meridian:	Not reported
Agency:	W.C. HARDESTY
	Not reported
Agency Dept:	Not reported
Agency Contact:	Not reported
Agency Tele:	Not reported
Landowner:	Not reported
	Not reported
	CA
Landowner Cont:	Not reported
Landowner Tele:	Not reported

K54
ENE
1/2-1
Higher

W C HARDESTY
SHULL ST (6052)
BELL GARDENS, CA 90201

Cortese

S101295627
N/A

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database(s)
EDR ID Number
EPA ID Number

HARDESTY (Continued)

S101295627

CORTESE:

Facility ID: 19-058129

Data Source: CALSI

L55
WNW
1/2-1
Higher

STAUFFER CHEMICAL COMPANY
ARDINE ST (4570)
SOUTH GATE, CA 90280

Cortese

S101298172
N/A

CORTESE:

Facility ID: 19-002474

Data Source: LTNKA

L56
WNW
1/2-1
Higher

RHONE POULENC BASIC CHEMICALS COMPANY
4570 ARDINE ST
SOUTH GATE, CA 90280

CERCLIS
FINDS
RCRIS-LQG
TSCA
UST
LUST
Cal-Sites

1000424828
CAD008353211

CERCLIS Classification Data:

Site Incident Category: Not reported

Ownership Status: Private

EPA Notes: Not reported

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

CERCLIS Assessment History:

Assessment: DISCOVERY

Assessment: PRELIMINARY ASSESSMENT

Assessment: SITE INSPECTION

Completed: 01-NOV-79

Completed: 01-MAR-84

Completed: 01-SEP-86

CERCLIS Site Status:

Low

CERCLIS Alias Name(s):

STAUFFER CHEM CO SOUTH GATE PLT

RCRIS:

Owner: STAUFFER CHEMICAL COMPANY
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER
(213) 588-2214

Record Date: 02/21/90

Classification: Large Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

- Facility is monitored or permitted for air emissions under the Clean Air Act (under AFS/AIRS)

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number

EPA ID Number

RHONE POULENC BASIC CHEMICALS COMPANY (Continued)

1000424828

State LUST:

Facility Type	INACTIVE	Cross Street:	PACIFIC AVE
Reg Board:	Los Angeles Region	Qty Leaked:	Not reported
Chemical:	Gasoline		
Lead Agency:	Regional Board		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
Review Date:	08/26/1996	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	11/27/1991	Remed Plan:	03/12/1993
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	08/26/1996	Release Date:	07/26/1989

Facility Type	INACTIVE	Cross Street:	PACIFIC AVE
Reg Board:	Los Angeles Region	Qty Leaked:	Not reported
Chemical:	Gasoline		
Lead Agency:	Regional Board		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
Review Date:	08/26/1996	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	11/27/1991	Remed Plan:	03/12/1993
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	08/26/1996	Release Date:	07/26/1989

LUST Region 4:

Report Date:	07/26/1989
Cross Street:	PACIFIC AVE
Lead Agency:	Regional Board
Local Agency:	19000
Substance:	8006619
Case Number:	I-00524
Case Type:	Soil only

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

RHONE POULENC BASIC CHEMICALS COMPANY (Continued)

1000424828

CAL-SITES:

Facility ID: 19280830
Facility Type: N/A
Status: Not reported
Status Date: 06/06/1995
Lead: Not reported
Region: 3 - BURBANK
Branch: SA - SOUTHERN CA. - A
File Name: Not reported
Status Name: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Lead Agency: N/A
NPL: Not reported
SIC: 28 MANU - CHEMICALS & ALLIED PRODUCTS
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: LA - LOS ANGELES
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0
Lat/Long: Not reported
Lat/long Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported
Activity: SITE SCREENING
Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Activity: PRELIMINARY ASSESSMENT
Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Activity: SITE SCREENING
Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Activity: PRELIMINARY ASSESSMENT
Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Activity: DISCOVERY
Activity Status: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Background: Not reported
Alternative Name: R MAAS CHEMICAL CO
Alternative Addr: 4570 ARDINE ST.
SOUTH GATE, CA 90280
Alternative Name: ICTOR CHEMICAL CO
Alternative Addr: 4570 ARDINE ST.
SOUTH GATE, CA 90280
Alternative Name: TAUFFER CHEMICAL COMPANY #3
Alternative Addr: 4570 ARDINE ST.
SOUTH GATE, CA 90280
Comment Date: 08/28/1978
Comment: ENFORCEMENT(OTHER) CO SANIT. NOV-REDUCTION OF SULFIDE EMIS-
SIONS TO 1/MG 1.
WATER WASTE.
ENFORCEMENT(OTHER) CO SANIT. NOV-IMPROPER HANDLING OF STEAM
FACILITY IDENTIFIED FAC ID LACSD
LACSD VIOS FOR ODOR CONTROL & MINOR SPIL
LACE NO RECORD
RWQCB NO RECORD
DOHS-LA NO RECORD
SAMPLE RESULTS 1981-82 SOIL BORINGS BY STAUFFER AT LOC

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

RHONE POULENC BASIC CHEMICALS COMPANY (Continued)

1000424828

OF SLUDGE POND SHOWED ARSENIC LEVELS
UP TO 1600 MG/KG
QUEST RETURNED. YR OF OPER: 1930-PRESENT
PROD:PHOSPHORIC ACID,TRISODIUM PHOSPHATE
SODIUM SULFITE & CLEANING & STRIPPING
MIXES. PRE-1972 DISP ON ARSENIC SLUDGE
POND AT SE CORNER.
INVEST BY SACTO STAFF & ON ECKHARDT LIST
AERIAL SURVEILLANCE AIR PHOTOS SHOW POND IN SOUTHEAST CORNER
FACILITY DRIVE-BY DRIVE BY. CONFIRMED PAVED OVER
GROUND PHOTOS PHOTOS TAKEN
FINAL STRATEGY IDENTIFIED ABANDONED SITE
INSPECTION(FED) E&E REP C(84)C398 SI. ARSENIC TRISULFIDE
SLUDGE POND PAVED OVER. STILL STORED IN
POND. SOIL ARSENIC CONCL UP TO 1660MG/KG.
AREA POND UNLINED-100 TO 200 TONS. DHS
HANDLING NOW.
INSPECTION(FED) SI CONDUCTED BY EPA FIT TEAM
SOURCE ACT: IW DISP SUVEY 1/81-(STAUFFER
MFG TRI-SODIUM PHOSPHATE,DOSIUM SULFITE,
CLEANING MIXES ALONG W/ PROD OF PHOSPHRC
ACID. (A.R.)(VICTOR) MFG PHOSPHORIC ACID
FAC TYPE: UNLINED WASTE DISP POND(20'X15
'X15'). WASTE: DISCH TO UNLINED SETTLING
POND LOCATED AT SE CORNER OF THE PROPRTY
BTW 1960/65 THIS POND WAS PAVED OVER W/
ASPHALT.
SUBMIT TO EPA
PRELIM ASSESS DONE CERCLA 104
SITE SCREENING DONE
PRELIM ASSESS DONE ARSENIC SLUDGE POND WAS PAVED OVER
EPA IN PROCESS OF RANKING SITE
REPORTED FOR PROP65
ON CORTESE LIST
03/08/1990 LA County began enforcement action on Rhone
Poulenc. Total phosphate, ph, lead soil. Workplan for
additional work requested. Consultant nam: Ebasco
Case #90S156, log #900670. NFA for DTSC due to
involvement of local authority.

State UST:

Facility ID:	17167	Container Num:	#1 GAS TAN
Tank Num:	1	Year Installed:	Not reported
Tank Capacity:	4000	Tank Constrctn:	Not reported
Tank Used for:	PRODUCT	Telephone:	(213) 588-2214
Type of Fuel:	REGULAR	Region:	Not reported
Leak Detection:	Stock Inventor	Other Type:	CHEMICAL MANF.
Contact Name:	ED TRAINER		
Total Tanks:	6		
Facility Type:	2		

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

RHONE POULENC BASIC CHEMICALS COMPANY (Continued)

1000424828

Facility ID:	17167	Container Num:	2
Tank Num:	2	Year Installed:	Not reported
Tank Capacity:	50		
Tank Used for:	WASTE	Tank Constrctn:	Not reported
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 588-2214
Contact Name:	ED TRAINER	Region:	Not reported
Total Tanks:	6	Other Type:	CHEMICAL MANF.
Facility Type:	2		
Facility ID:	17167	Container Num:	3
Tank Num:	3	Year Installed:	1977
Tank Capacity:	150		
Tank Used for:	WASTE	Tank Constrctn:	Not reported
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 588-2214
Contact Name:	ED TRAINER	Region:	Not reported
Total Tanks:	6	Other Type:	CHEMICAL MANF.
Facility Type:	2		
Facility ID:	17167	Container Num:	4
Tank Num:	4	Year Installed:	Not reported
Tank Capacity:	300		
Tank Used for:	PRODUCT	Tank Constrctn:	Not reported
Type of Fuel:	REGULAR		
Leak Detection:	Stock Inventor	Telephone:	(213) 588-2214
Contact Name:	ED TRAINER	Region:	Not reported
Total Tanks:	6	Other Type:	CHEMICAL MANF.
Facility Type:	2		
Facility ID:	17167	Container Num:	5
Tank Num:	5	Year Installed:	Not reported
Tank Capacity:	50		
Tank Used for:	WASTE	Tank Constrctn:	Not reported
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 588-2214
Contact Name:	ED TRAINER	Region:	Not reported
Total Tanks:	6	Other Type:	CHEMICAL MANF.
Facility Type:	2		
Facility ID:	17167	Container Num:	6
Tank Num:	6	Year Installed:	Not reported
Tank Capacity:	2700		
Tank Used for:	PRODUCT	Tank Constrctn:	Not reported
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 588-2214
Contact Name:	ED TRAINER	Region:	Not reported
Total Tanks:	6	Other Type:	CHEMICAL MANF.
Facility Type:	2		

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
LOS ANGELES COUNTY	S102360742	JOINT WATER DISTRICT PLANT	24501 SOUTH FIGUEROA		SWF/LF	19-AA-0866
LOS ANGELES COUNTY	S102361059	USED TIRE KING	9920 PLACER STREET #B		SWF/LF	19-TI-0213
LOS ANGELES COUNTY	S102360641	SAN CLEMENTE ISLAND LANDFILL	SAN CLEMENTE ISLAND		SWF/LF	19-AA-0063
LOS ANGELES COUNTY	U003057613	TOBIAS AVE INDISCRIM DUMP	S TOBIAS AVE		HMS, SWF/LF	001156-101214
SOUTH GATE	S100855217	ARCO PRODUCTS CO FAC 1289	4861 E FIRESTONE	90280	HAZNET	
SOUTHGATE	S101311055	CALTRANS	FIRESTONE BLVD / LONG BEACH FW		WMUDS	
SOUTHGATE	S101311174		IMPERIAL HWY / LA RIVER		WMUDS	
SOUTHGATE	S101050334	CALTRANS	S OF IMPERIAL HWY ADJ LONG BEA		WMUDS	

GEOCHECK VERSION 2.1 ADDENDUM

STATE DATABASE WELL INFORMATION

Water Wells:

Well Within 1 - 2 Miles of Target Property (Northern Quadrant)

Water System Information:

Prime Station Code:	02S/12W-29M05 S	User ID:	MET
FRDS Number Number:	1910011011	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	335800.0 1181000.0	Precision:	8
Source Name:	PRIORY WELL 02		
System Number:	1910011		
System Name:	SCWC - BELL, BELL GARDENS		
Owner Type:	Not Reported		
Organization That Operates System:	1212 SAN DIMAS CANYON RD SAN DIMAS, CA 91773		
Pop Served:	32795	Connections:	BELL-BELL
Area Served:	GARDENS		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	06/14/1989	Findings:	40.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/14/1989	Findings:	3.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	06/14/1989	Findings:	730.000
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/14/1989	Findings:	7.930
Chemical:	PH (LABORATORY)		
Sample Collected:	06/14/1989	Findings:	156.900 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/14/1989	Findings:	191.400 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/14/1989	Findings:	226.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/14/1989	Findings:	75.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/14/1989	Findings:	61.700 MG/L
Chemical:	SODIUM		
Sample Collected:	06/14/1989	Findings:	2.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/14/1989	Findings:	55.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/14/1989	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/14/1989	Findings:	2.800 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/14/1989	Findings:	1.600 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK VERSION 2.1

STATE DATABASE WELL INFORMATION

Sample Collected:	06/14/1989	Findings:	445.300 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/14/1989	Findings:	13.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/14/1989	Findings:	9.500 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	09/29/1989	Findings:	1.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/29/1989	Findings:	1.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/29/1989	Findings:	.900 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/29/1989	Findings:	2.500 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/29/1989	Findings:	1.600 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/06/1990	Findings:	1.600 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/06/1990	Findings:	1.500 PC/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	08/06/1990	Findings:	.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/05/1990	Findings:	2.700 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/05/1990	Findings:	1.900 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/05/1990	Findings:	4.300 PC/L
Chemical:	GROSS BETA		
Sample Collected:	11/05/1990	Findings:	1.600 PC/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	11/05/1990	Findings:	1.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/04/1991	Findings:	1.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/11/1991	Findings:	.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/29/1991	Findings:	.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/29/1991	Findings:	1.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/29/1991	Findings:	.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/06/1991	Findings:	.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/22/1991	Findings:	.800 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Sample Collected:	11/22/1991	Findings:	.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/05/1992	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/11/1992	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/06/1992	Findings:	1.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/18/1992	Findings:	700.000
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/18/1992	Findings:	8.100
Chemical:	PH (LABORATORY)		
Sample Collected:	05/18/1992	Findings:	170.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	05/18/1992	Findings:	207.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/18/1992	Findings:	1.700 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	05/18/1992	Findings:	217.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	05/18/1992	Findings:	64.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/18/1992	Findings:	61.000 MG/L
Chemical:	SODIUM		
Sample Collected:	05/18/1992	Findings:	2.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/18/1992	Findings:	53.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/18/1992	Findings:	.350 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/18/1992	Findings:	1.500 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/18/1992	Findings:	1.600 PC/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/18/1992	Findings:	.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/18/1992	Findings:	420.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/18/1992	Findings:	.700
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	05/18/1992	Findings:	.021 MG/L
Chemical:	HYDROXIDE ALKALINITY		
Sample Collected:	05/18/1992	Findings:	10.560 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/18/1992	Findings:	.050 NTU
Chemical:	TURBIDITY (LAB)		

GEOCHECK VERSION 2.1 **STATE DATABASE WELL INFORMATION**

Sample Collected:	07/01/1992	Findings:	.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/21/1992	Findings:	.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/05/1992	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/04/1992	Findings:	.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/03/1993	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/06/1993	Findings:	.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/19/1993	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/19/1993	Findings:	1.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/05/1994	Findings:	.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/18/1994	Findings:	2.200 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/18/1994	Findings:	.900 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/18/1994	Findings:	1.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/18/1994	Findings:	11.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/02/1994	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/02/1994	Findings:	.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/03/1994	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/04/1995	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/01/1995	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/26/1995	Findings:	710.000
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/26/1995	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	05/26/1995	Findings:	163.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	05/26/1995	Findings:	199.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/26/1995	Findings:	228.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		

GEOCHECK VERSION 2.1

STATE DATABASE WELL INFORMATION

Sample Collected:	05/26/1995	Findings:	73.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/26/1995	Findings:	52.900 MG/L
Chemical:	SODIUM		
Sample Collected:	05/26/1995	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/26/1995	Findings:	56.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/26/1995	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/26/1995	Findings:	3.100 UG/L
Chemical:	ARSENIC		
Sample Collected:	05/26/1995	Findings:	51.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	05/26/1995	Findings:	415.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/26/1995	Findings:	14.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/26/1995	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/26/1995	Findings:	3296.000 UG/L
Chemical:	NITRATE + NITRITE AS N		
Sample Collected:	07/12/1995	Findings:	1.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/30/1995	Findings:	.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/01/1995	Findings:	1.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/16/1995	Findings:	1.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/06/1995	Findings:	1.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/07/1996	Findings:	20.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/07/1996	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	05/07/1996	Findings:	720.000
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/07/1996	Findings:	7.600
Chemical:	PH (LABORATORY)		
Sample Collected:	05/07/1996	Findings:	156.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	05/07/1996	Findings:	190.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/07/1996	Findings:	228.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		

GEOCHECK VERSION 2.1 **STATE DATABASE WELL INFORMATION**

Sample Collected:	05/07/1996	Findings:	65.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/07/1996	Findings:	57.300 MG/L
Chemical:	SODIUM		
Sample Collected:	05/07/1996	Findings:	2.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/07/1996	Findings:	49.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/07/1996	Findings:	.460 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/07/1996	Findings:	823.000 UG/L
Chemical:	IRON		
Sample Collected:	05/07/1996	Findings:	419.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/07/1996	Findings:	11.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/07/1996	Findings:	9.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	07/10/1996	Findings:	1.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/13/1996	Findings:	1.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/03/1996	Findings:	1.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/03/1996	Findings:	.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/03/1996	Findings:	11.880 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/03/1996	Findings:	1.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/11/1996	Findings:	.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/08/1996	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/04/1996	Findings:	2.400 UG/L
Chemical:	TRICHLOROETHYLENE		

Well Within 1/8 - 1/4 Mile of Target Property (Eastern Quadrant)

Water System Information:

Prime Station Code:	02S/12W-31Q02 S	User ID:	4TH
FRDS Number Number:	1910152015	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	335657.0 1181010.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 25		

GEOCHECK VERSION 2.1

STATE DATABASE WELL INFORMATION

System Number: 1910152
 System Name: CITY OF SOUTH GATE
 Owner Type: Not Reported
 Organization That Operates System:

8650 CALIFORNIA AV
 SOUTH GATE 90280

Pop Served: 82550
 Area Served: E

Connections: SOUTH GAT

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	09/21/1988	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	09/21/1988	Findings:	600.000
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/21/1988	Findings:	7.930
Chemical:	PH (LABORATORY)		
Sample Collected:	09/21/1988	Findings:	164.700 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/21/1988	Findings:	200.900 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/21/1988	Findings:	199.200 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	09/21/1988	Findings:	60.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/21/1988	Findings:	43.700 MG/L
Chemical:	SODIUM		
Sample Collected:	09/21/1988	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/21/1988	Findings:	36.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/21/1988	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/21/1988	Findings:	1.500 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/21/1988	Findings:	1.000 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/21/1988	Findings:	352.600 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/21/1988	Findings:	4.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/21/1988	Findings:	.800 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/01/1988	Findings:	4.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/06/1989	Findings:	1.400 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/06/1989	Findings:	1.300 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/30/1989	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK VERSION 2.1

STATE DATABASE WELL INFORMATION

Sample Collected:	08/31/1989	Findings:	1.400 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/16/1989	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/16/1989	Findings:	7.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/24/1989	Findings:	2.900 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/24/1989	Findings:	1.900 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/24/1990	Findings:	.900 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/24/1990	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/04/1990	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/17/1990	Findings:	2.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/26/1990	Findings:	2.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/26/1990	Findings:	3.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/06/1991	Findings:	2.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/07/1991	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/13/1991	Findings:	930.000
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/13/1991	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	08/13/1991	Findings:	185.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/13/1991	Findings:	223.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/13/1991	Findings:	1.410 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	08/13/1991	Findings:	185.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/13/1991	Findings:	54.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/13/1991	Findings:	40.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/13/1991	Findings:	1.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/13/1991	Findings:	24.500 MG/L
Chemical:	CHLORIDE		

GEOCHECK VERSION 2.1

STATE DATABASE WELL INFORMATION

Sample Collected:	08/13/1991	Findings:	.420 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/13/1991	Findings:	300.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/13/1991	Findings:	.600
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	08/13/1991	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	11/06/1991	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/05/1992	Findings:	2.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/05/1992	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/24/1992	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/24/1992	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/17/1992	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/17/1992	Findings:	.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/05/1992	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/05/1992	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/05/1992	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/05/1992	Findings:	.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/17/1992	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/31/1992	Findings:	630.000
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/31/1992	Findings:	8.200
Chemical:	PH (LABORATORY)		
Sample Collected:	08/31/1992	Findings:	156.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/31/1992	Findings:	190.300 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/31/1992	Findings:	198.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/31/1992	Findings:	59.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/31/1992	Findings:	49.600 MG/L
Chemical:	SODIUM		

GEOCHECK VERSION 2.1

STATE DATABASE WELL INFORMATION

Sample Collected:	08/31/1992	Findings:	2.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/31/1992	Findings:	40.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/31/1992	Findings:	.500 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/31/1992	Findings:	326.700 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/31/1992	Findings:	7.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/19/1992	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/26/1993	Findings:	2.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/26/1993	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/10/1993	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/17/1993	Findings:	1.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/10/1993	Findings:	1.700 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/10/1993	Findings:	1.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/02/1993	Findings:	1.600 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/02/1993	Findings:	1.600 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/02/1993	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/01/1994	Findings:	1.200 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/01/1994	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/01/1994	Findings:	6.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/28/1994	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/28/1994	Findings:	660.000
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/28/1994	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	07/28/1994	Findings:	162.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/28/1994	Findings:	197.600 MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK VERSION 2.1 **STATE DATABASE WELL INFORMATION**

Sample Collected:	07/28/1994	Findings:	232.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/28/1994	Findings:	72.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/28/1994	Findings:	46.000 MG/L
Chemical:	SODIUM		
Sample Collected:	07/28/1994	Findings:	2.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/28/1994	Findings:	41.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/28/1994	Findings:	.600 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/28/1994	Findings:	3.900 UG/L
Chemical:	ARSENIC		
Sample Collected:	07/28/1994	Findings:	114.000 UG/L
Chemical:	BARIUM		
Sample Collected:	07/28/1994	Findings:	2.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/28/1994	Findings:	376.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/28/1994	Findings:	8.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/28/1994	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	07/28/1994	Findings:	1896.000 UG/L
Chemical:	NITRATE + NITRITE AS N		
Sample Collected:	11/07/1994	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/02/1995	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/02/1995	Findings:	1.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/02/1995	Findings:	8.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/27/1995	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/03/1995	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/01/1995	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/12/1996	Findings:	7.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/12/1996	Findings:	1.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/15/1996	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK VERSION 2.1 STATE DATABASE WELL INFORMATION

Sample Collected:	07/30/1996	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/30/1996	Findings:	1.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/05/1996	Findings:	1.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/05/1996	Findings:	.700 UG/L
Chemical:	TRICHLOROETHYLENE		

Well Within 1/4 - 1/2 Mile of Target Property (Southern Quadrant)

Water System Information:

Prime Station Code:	02S/12W-31Q03 S	User ID:	4TH
FRDS Number Number:	1910152014	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	335650.0 1181010.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 24		
System Number:	1910152		
System Name:	CITY OF SOUTH GATE		
Owner Type:	Not Reported		
Organization That Operates System:	8650 CALIFORNIA AV SOUTH GATE 90280		
Pop Served:	82550	Connections:	SOUTH GAT
Area Served:	E		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	09/21/1988	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	09/21/1988	Findings:	700.000
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/21/1988	Findings:	7.940
Chemical:	PH (LABORATORY)		
Sample Collected:	09/21/1988	Findings:	178.010 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/21/1988	Findings:	217.200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/21/1988	Findings:	251.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	09/21/1988	Findings:	75.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/21/1988	Findings:	40.800 MG/L
Chemical:	SODIUM		
Sample Collected:	09/21/1988	Findings:	3.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/21/1988	Findings:	43.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/21/1988	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Sample Collected:	09/21/1988	Findings:	427.100 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/21/1988	Findings:	5.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/21/1988	Findings:	.500 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/01/1988	Findings:	3.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/06/1989	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/06/1989	Findings:	1.900 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/06/1989	Findings:	1.500 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/06/1989	Findings:	8.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/31/1989	Findings:	1.800 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/31/1989	Findings:	1.300 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/31/1989	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/24/1989	Findings:	2.100 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/24/1989	Findings:	1.800 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/24/1989	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/24/1990	Findings:	2.100 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/24/1990	Findings:	2.000 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/24/1990	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/04/1990	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/17/1990	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/26/1990	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/26/1990	Findings:	.970 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	12/26/1990	Findings:	3.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/06/1991	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Sample Collected:	11/06/1991	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/05/1992	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/17/1992	Findings:	.380 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	04/17/1992	Findings:	130.000 UG/L
Chemical:	BARIUM		
Sample Collected:	04/17/1992	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/17/1992	Findings:	7.920 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/17/1992	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/31/1992	Findings:	650.000
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/31/1992	Findings:	8.300
Chemical:	PH (LABORATORY)		
Sample Collected:	08/31/1992	Findings:	194.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/31/1992	Findings:	236.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/31/1992	Findings:	237.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/31/1992	Findings:	65.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/31/1992	Findings:	48.200 MG/L
Chemical:	SODIUM		
Sample Collected:	08/31/1992	Findings:	2.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/31/1992	Findings:	38.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/31/1992	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/31/1992	Findings:	353.300 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/31/1992	Findings:	7.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/19/1992	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/26/1993	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/10/1993	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/17/1993	Findings:	1.500 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK VERSION 2.1 **STATE DATABASE WELL INFORMATION**

Sample Collected:	08/10/1993	Findings:	1.900 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/10/1993	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/02/1993	Findings:	1.200 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/02/1993	Findings:	1.700 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/02/1993	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/01/1994	Findings:	1.200 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/01/1994	Findings:	8.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/28/1994	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/28/1994	Findings:	660.000
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/28/1994	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	07/28/1994	Findings:	164.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/28/1994	Findings:	200.100 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/28/1994	Findings:	232.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/28/1994	Findings:	67.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/28/1994	Findings:	44.700 MG/L
Chemical:	SODIUM		
Sample Collected:	07/28/1994	Findings:	2.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/28/1994	Findings:	39.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/28/1994	Findings:	.600 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/28/1994	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/28/1994	Findings:	371.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/28/1994	Findings:	8.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/28/1994	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/02/1995	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK VERSION 2.1

STATE DATABASE WELL INFORMATION

Sample Collected:	04/27/1995	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	04/27/1995	Findings:	106.000 UG/L
Chemical:	BARIUM		
Sample Collected:	04/27/1995	Findings:	10.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/27/1995	Findings:	2370.000 UG/L
Chemical:	NITRATE - NITRITE AS N		
Sample Collected:	02/12/1996	Findings:	8.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/30/1996	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		

Well Within 1/2 - 1 Mile of Target Property (Western Quadrant)

Water System Information:

Prime Station Code:	G19/152-VOACUBE	User ID:	4TH
FRDS Number Number:	1910152020	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Treated
Source Lat/Long:	335700.0 1181100.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 07 - VOC GAC - UNIT B (TANK B)-EFF		
System Number:	1910152		
System Name:	CITY OF SOUTH GATE		
Owner Type:	Not Reported		
Organization That Operates System:	8650 CALIFORNIA AV		
	SOUTH GATE 90280		
Pop Served:	82550	Connections:	SOUTH GAT
Area Served:	E		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	03/03/1994	Findings:	.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/17/1994	Findings:	.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/17/1994	Findings:	1.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/06/1995	Findings:	.800 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK VERSION 2.1
PUBLIC WATER SUPPLY SYSTEM INFORMATION

Searched by Nearest PWS.

PWS SUMMARY:

PWS ID:	CA1910160	PWS Status:	Active	Distance from TP:	1/2 - 1 Mile
Date Initiated:	June / 1977	Date Deactivated:	Not Reported	Dir relative to TP:	North
PWS Name:	TRACT 349 MUTUAL WATER CO. 4630 SANTA ANA ST CUDAHY, CA 90201				

Addressee / Facility: Not Reported

Facility Latitude:	33 57 38	Facility Longitude:	118 11 03
City Served:	CUDAHY		
Treatment Class:	Treated	Population Served:	5,001 - 10,000 Persons

PWS currently has or has had major violation(s): No

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D009	MERCURY
D035	METHYL ETHYL KETONE
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004;

EPA Waste Codes Addendum

Code	Description
------	-------------

	AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
--	---

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM RECORDS:

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA/NTIS

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/15/98

Date of Data Arrival at EDR: 07/08/98

Date Made Active at EDR: 07/20/98

Elapsed ASTM days: 12

Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/23/98

ERNS: Emergency Response Notification System

Source: EPA/NTIS

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/30/98

Date of Data Arrival at EDR: 07/14/98

Date Made Active at EDR: 07/20/98

Elapsed ASTM days: 6

Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/10/98

NPL: National Priority List

Source: EPA

Telephone: 703-603-8852

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC).

Date of Government Version: 03/06/98

Date of Data Arrival at EDR: 06/09/98

Date Made Active at EDR: 07/09/98

Elapsed ASTM days: 30

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/02/98

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 01/01/98

Date of Data Arrival at EDR: 02/17/98

Date Made Active at EDR: 04/13/98

Elapsed ASTM days: 55

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/05/98

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/15/97

Date of Data Arrival at EDR: 01/05/98

Date Made Active at EDR: 02/02/98

Elapsed ASTM days: 28

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/06/98

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDERAL NON-ASTM RECORDS:

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/95

Database Release Frequency: Biennially

Date of Last EDR Contact: 06/22/98

Date of Next Scheduled EDR Contact: 09/21/98

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: Varies

Database Release Frequency: Varies

Date of Last EDR Contact: Varies

Date of Next Scheduled EDR Contact: N/A

FINDS: Facility Index System

Source: EPA/NTIS

Telephone: 703-908-2493

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/01/97

Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/20/98

Date of Next Scheduled EDR Contact: 09/21/98

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4526

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/96

Database Release Frequency: Annually

Date of Last EDR Contact: 07/22/98

Date of Next Scheduled EDR Contact: 10/25/98

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/30/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/13/98

Date of Next Scheduled EDR Contact: 10/12/98

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/26/98

Date of Next Scheduled EDR Contact: 08/24/98

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-260-3936

PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/22/97

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/05/98

Date of Next Scheduled EDR Contact: 08/17/98

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/15/98

Date of Next Scheduled EDR Contact: 09/14/98

ROD: Records Of Decision

Source: NTIS

Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 03/31/95

Database Release Frequency: Annually

Date of Last EDR Contact: 05/22/98

Date of Next Scheduled EDR Contact: 08/31/98

TRIS: Toxic Chemical Release Inventory System

Source: EPA/NTIS

Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/95

Database Release Frequency: Annually

Date of Last EDR Contact: 06/11/98

Date of Next Scheduled EDR Contact: 09/28/98

TSCA: Toxic Substances Control Act

Source: EPA/NTIS

Telephone: 202-260-1444

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site. USEPA has no current plan to update and/or re-issue this database.

Date of Government Version: 12/31/94

Database Release Frequency: Annually

Date of Last EDR Contact: 07/22/98

Date of Next Scheduled EDR Contact: 10/26/98

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF CALIFORNIA ASTM RECORDS:

BEP: Bond Expenditure Plan

Source: Department of Health Services

Telephone: 916-255-2118

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/89

Date Made Active at EDR: 08/02/94

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94

Elapsed ASTM days: 6

Date of Last EDR Contact: 05/31/94

CAL-SITES (AWP): Annual Workplan

Source: California Environmental Protection Agency

Telephone: 916-323-3400

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 11/04/97

Date Made Active at EDR: 12/20/97

Database Release Frequency: Annually

Date of Data Arrival at EDR: 11/21/97

Elapsed ASTM days: 29

Date of Last EDR Contact: 05/04/98

CAL-SITES (ASPIS): Calsites

Source: Department of Toxic Substance Control

Telephone: 916-323-3400

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 01/14/98

Date Made Active at EDR: 04/13/98

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/13/98

Elapsed ASTM days: 31

Date of Last EDR Contact: 06/08/98

CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services

Telephone: 916-464-3277

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/94

Date Made Active at EDR: 04/24/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 03/13/95

Elapsed ASTM days: 42

Date of Last EDR Contact: 06/01/98

CORTESE: Cortese

Source: CAL EPA/Office of Emergency Information

Telephone: 916-327-1848

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/31/94

Date Made Active at EDR: 04/04/95

Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/23/95

Elapsed ASTM days: 71

Date of Last EDR Contact: 04/22/98

LUST: Leaking Underground Storage Tank Information System

Source: State Water Resources Control Board

Telephone: 916-445-6532

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 10/01/97

Date Made Active at EDR: 12/23/97

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 11/25/97

Elapsed ASTM days: 28

Date of Last EDR Contact: 05/11/98

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NOTIFY 65: Proposition 65

Source: State Water Resources Control Board

Telephone: 916-657-0696

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93

Date Made Active at EDR: 11/19/93

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93

Elapsed ASTM days: 18

Date of Last EDR Contact: 07/22/98

SWF/LF (SWIS): Solid Waste Information System

Source: Integrated Waste Management Board

Telephone: 916-255-4035

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 2004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 01/01/98

Date Made Active at EDR: 04/13/98

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/17/98

Elapsed ASTM days: 27

Date of Last EDR Contact: 06/29/98

TOXIC PITS: Toxic Pits

Source: State Water Resources Control Board

Telephone: 916-227-4364

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/95

Date Made Active at EDR: 09/26/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95

Elapsed ASTM days: 27

Date of Last EDR Contact: 05/12/98

CA UST:

UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board

Telephone: 916-227-4408

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90

Date Made Active at EDR: 02/12/91

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91

Elapsed ASTM days: 18

Date of Last EDR Contact: 07/20/98

FID: Facility Inventory Database

Source: California Environmental Protection Agency

Telephone: 916-445-6532

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/94

Date Made Active at EDR: 09/29/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95

Elapsed ASTM days: 24

Date of Last EDR Contact: 06/29/98

WMUDS/SWAT: Waste Management Unit Database

Source: State Water Resources Control Board

Telephone: 916-227-4448

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 03/11/98

Date Made Active at EDR: 05/21/98

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/23/98

Elapsed ASTM days: 28

Date of Last EDR Contact: 06/11/98

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF CALIFORNIA NON-ASTM RECORDS:

AST: Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board

Telephone: 916-227-4382

Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/97

Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/11/98

Date of Next Scheduled EDR Contact: 08/10/98

HAZMAT: Hazmat Facilities

Source: City of San Jose Fire Department

Telephone: 408-277-4659

Date of Government Version: 11/21/97

Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/26/98

Date of Next Scheduled EDR Contact: 08/24/98

HAZNET: Hazardous Waste Information System

Source: California Environmental Protection Agency

Telephone: 916-324-1781

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/95

Database Release Frequency: Annually

Date of Last EDR Contact: 04/21/98

Date of Next Scheduled EDR Contact: 10/19/98

SOUTH BAY: South Bay Site Management System

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-286-0457

Groundwater pollution cases in the Santa Clara Valley where the regulatory lead is the San Francisco Bay Regional Water Quality Control Board.

Date of Government Version: 09/01/96

Database Release Frequency: Annually

Date of Last EDR Contact: 06/24/98

Date of Next Scheduled EDR Contact: 09/14/98

WDS: Waste Discharge System

Source: State Water Resources Control Board

Telephone: 916-657-1571

Sites which have been issued waste discharge requirements.

Date of Government Version: 12/01/97

Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/26/98

Date of Next Scheduled EDR Contact: 08/24/98

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CALIFORNIA COUNTY RECORDS

ALAMEDA COUNTY:

Underground Tanks

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 10/01/97
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/08/98
Date of Next Scheduled EDR Contact: 08/03/98

Local Oversight Program Listing of UGT Cleanup Sites

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 10/01/97
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/08/98
Date of Next Scheduled EDR Contact: 08/03/98

CONTRA COSTA COUNTY:

SL: Site List

Source: Contra Costa Health Services Department
Telephone: 510-646-2286

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/02/97
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/11/98
Date of Next Scheduled EDR Contact: 08/10/98

KERN COUNTY:

UST: Sites & Tanks Listing

Source: Kern County Environment Health Services Department
Telephone: 805-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 04/21/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/13/98
Date of Next Scheduled EDR Contact: 10/12/98

LOS ANGELES COUNTY:

HMS: Street Number List

Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/30/97
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/13/98
Date of Next Scheduled EDR Contact: 10/12/98

SWF/LF: List of Solid Waste Facilities

Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 01/31/96
Database Release Frequency: Annually

Date of Last EDR Contact: 06/01/98
Date of Next Scheduled EDR Contact: 08/24/98

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation List

Source: Community Health Services

Telephone: 213-890-7806

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/20/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/27/98

Date of Next Scheduled EDR Contact: 08/24/98

MARIN COUNTY:

UST Sites

Source: Public Works Department Waste Management

Telephone: 415-499-6647

Currently permitted USTs in Marin County.

Date of Government Version: 12/01/97

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/11/98

Date of Next Scheduled EDR Contact: 08/10/98

NAPA COUNTY:

LUST: Sites With Reported Contamination

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269

Date of Government Version: 10/27/97

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/22/98

Date of Next Scheduled EDR Contact: 09/21/98

UST: Closed and Operating Underground Storage Tank Sites

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269

Date of Government Version: 02/17/98

Database Release Frequency: Annually

Date of Last EDR Contact: 06/22/98

Date of Next Scheduled EDR Contact: 09/21/98

ORANGE COUNTY:

List of Industrial Site Cleanups

Source: Health Care Agency

Telephone: 714-834-3446

Petroleum and non-petroleum spills.

Date of Government Version: 03/13/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/15/98

Date of Next Scheduled EDR Contact: 09/14/98

LUST: List of Underground Storage Tank Cleanups

Source: Health Care Agency

Telephone: 714-834-3446

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 03/02/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/15/98

Date of Next Scheduled EDR Contact: 09/14/98

UST: List of Underground Storage Tank Facilities

Source: Health Care Agency

Telephone: 714-834-3446

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/24/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/15/98

Date of Next Scheduled EDR Contact: 09/14/98

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PLACER COUNTY:

MS: Master List of Facilities

Source: Placer County Health and Human Services

Telephone: 530-889-7335

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 01/13/98

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/29/98

Date of Next Scheduled EDR Contact: 09/28/98

RIVERSIDE COUNTY:

LUST: Listing of Underground Tank Cleanup Sites

Source: Department of Public Health

Telephone: 909-358-5055

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 01/21/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/22/98

Date of Next Scheduled EDR Contact: 10/26/98

UST: Tank List

Source: Health Services Agency

Telephone: 909-358-5055

Date of Government Version: 01/14/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/22/98

Date of Next Scheduled EDR Contact: 10/26/98

SACRAMENTO COUNTY:

Toxsite List

Source: Sacramento County Environmental Management

Telephone: 916-386-6706

Date of Government Version: 02/02/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/15/98

Date of Next Scheduled EDR Contact: 08/10/98

ML: Regulatory Compliance Master List

Source: Sacramento County Environmental Management

Telephone: 916-386-6706

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 01/06/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/16/98

Date of Next Scheduled EDR Contact: 08/10/98

SAN BERNARDINO COUNTY:

DEHS Permit System Print-Out By Location

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 10/01/97

Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/15/98

Date of Next Scheduled EDR Contact: 09/14/98

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN DIEGO COUNTY:

SWF/LF: Solid Waste Facilities

Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 11/08/95
Database Release Frequency: Annually

Date of Last EDR Contact: 06/05/98
Date of Next Scheduled EDR Contact: 08/31/98

HMMD: Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division
Telephone: 619-338-2268

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 01/05/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/13/98
Date of Next Scheduled EDR Contact: 10/12/98

SAN FRANCISCO COUNTY:

LUST: Local Oversight Facilities

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 03/19/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/18/98
Date of Next Scheduled EDR Contact: 08/17/98

Underground Storage Tank Information

Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 03/19/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/18/98
Date of Next Scheduled EDR Contact: 08/17/98

SAN MATEO COUNTY:

Business Inventory

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 01/01/97
Database Release Frequency: Annually

Date of Last EDR Contact: 05/18/98
Date of Next Scheduled EDR Contact: 08/17/98

LUST: Fuel Leak List

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 01/12/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/24/98
Date of Next Scheduled EDR Contact: 10/05/98

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SANTA CLARA COUNTY:

LUST: Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District
Telephone: 408-927-0710

Date of Government Version: 01/15/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/08/98
Date of Next Scheduled EDR Contact: 10/05/98

SOLANO COUNTY:

LUST: Leaking Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 10/27/97
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/23/98
Date of Next Scheduled EDR Contact: 08/24/98

UST: Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 04/16/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/16/98
Date of Next Scheduled EDR Contact: 08/24/98

SONOMA COUNTY:

LUST Sites

Source: Department of Health Services
Telephone: 707-525-6565

Date of Government Version: 01/09/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/22/98
Date of Next Scheduled EDR Contact: 09/21/98

SUTTER COUNTY:

UST: Underground Storage Tanks

Source: Sutter County Department of Agriculture
Telephone: 530-741-7504

Date of Government Version: 09/18/97
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/06/98
Date of Next Scheduled EDR Contact: 10/12/98

VENTURA COUNTY:

BWT: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/25/97
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/22/98
Date of Next Scheduled EDR Contact: 09/21/98

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST: Listing of Underground Tank Cleanup Sites

Source: Environmental Health Division

Telephone: 805-654-2813

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 12/31/97

Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/22/98

Date of Next Scheduled EDR Contact: 09/21/98

UST: Underground Tank Closed Sites List

Source: Environmental Health Division

Telephone: 805-654-2813

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 03/31/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/22/98

Date of Next Scheduled EDR Contact: 09/21/98

SWF/LF: Inventory of Illegal Abandoned and Inactive Sites

Source: Environmental Health Division

Telephone: 805-654-2813

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 06/01/97

Database Release Frequency: Annually

Date of Last EDR Contact: 06/02/98

Date of Next Scheduled EDR Contact: 08/31/98

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220

Date of Government Version: 02/11/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/06/98
Date of Next Scheduled EDR Contact: 08/31/98

LUST REG 2: Fuel Leak List

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 01/22/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/20/98
Date of Next Scheduled EDR Contact: 10/19/98

LUST REG 3: LUSTIS Database

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 08/20/97
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/26/98
Date of Next Scheduled EDR Contact: 08/24/98

LUST REG 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-266-7544

Date of Government Version: 01/14/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/06/98
Date of Next Scheduled EDR Contact: 10/05/98

LUST REG 5: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-255-3125

Date of Government Version: 01/21/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/13/98
Date of Next Scheduled EDR Contact: 10/12/98

LUST REG 6L: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424

Date of Government Version: 12/01/97
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/13/98
Date of Next Scheduled EDR Contact: 10/12/98

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 11/12/97
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/11/98
Date of Next Scheduled EDR Contact: 08/03/98

LUST REG 7: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

Date of Government Version: 11/12/97
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/06/98
Date of Next Scheduled EDR Contact: 08/31/98

LUST REG 8: (LUSTIS) Leaking Underground Storage Tanks

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4498

Date of Government Version: 01/02/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/13/98
Date of Next Scheduled EDR Contact: 10/13/98

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 9: Leaking Underground Storage Tank Report

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 619-467-2952

Date of Government Version: 12/23/97

Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/15/98

Date of Next Scheduled EDR Contact: 11/03/98

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

California Regional Water Quality Control Board (RWQCB) SLIC Records

SLIC REG 1: Active Toxic Site Investigations

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 03/09/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/06/98
Date of Next Scheduled EDR Contact: 08/31/98

SLIC REG 2: North and South Bay Slc Report

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 01/22/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/20/98
Date of Next Scheduled EDR Contact: 10/19/98

SLIC REG 3: SLIC Data

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 12/12/97
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/26/98
Date of Next Scheduled EDR Contact: 08/24/98

SLIC REG 4: SLIC Sites

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-266-7544

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 01/20/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/07/98
Date of Next Scheduled EDR Contact: 10/05/98

SLIC REG 5: SLIC List

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-855-3075

Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 10/01/97
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/17/98
Date of Next Scheduled EDR Contact: 10/12/98

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

Date of Government Version: 09/23/97
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/13/98
Date of Next Scheduled EDR Contact: 10/12/98

SLIC REG 8: SLIC List

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-3298

Date of Government Version: 10/31/97
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/16/98
Date of Next Scheduled EDR Contact: 07/13/98

SLIC REG 9: WDS NURD List

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 619-467-2980

Date of Government Version: 11/21/96
Database Release Frequency: Annually

Date of Last EDR Contact: 06/15/98
Date of Next Scheduled EDR Contact: 09/07/98

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Historical and Other Database(s)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

DELISTED NPL: NPL Deletions

Source: EPA

Telephone: 703-603-8769

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/06/98

Date Made Active at EDR: 07/09/98

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 06/09/98

Elapsed ASTM days: 30

Date of Last EDR Contact: 07/02/98

NFRAP: No Further Remedial Action Planned

Source: EPA/NTIS

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 06/15/98

Date Made Active at EDR: 07/20/98

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 07/08/98

Elapsed ASTM days: 12

Date of Last EDR Contact: 06/23/98

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SWDIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Area Radon Information: The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

Oil/Gas Pipelines/Electrical Transmission Lines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1996 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in March 1997 from the U.S. Fish and Wildlife Service.

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Water Dams: National Inventory of Dams
Source: Federal Emergency Management Agency
Telephone: 202-646-2801
National computer database of more than 74,000 dams maintained by the Federal Emergency Management Agency.

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

APPENDIX C
HISTORICAL RECORDS SUMMARY

The following table provides a chronological narrative of the Site history.

YEAR	OBSERVATIONS/FINDINGS	SOURCE
1932	1. Site appears to be undeveloped and vacant in 1932.	1. HLA Phase I Environmental Site Assessment, Lincoln Business
1940s	<p>2. A building permit is issued to Fred Cilk dated October 22, 1945, for a Club house for a driving range at 5227 Firestone Boulevard (the northern portion of the Site).</p> <p>3. A building permit is issued to Ace Tractor Company dated March 12, 1946 for an office building at 5210 Firestone Place.</p> <p>4. A building permit is issued to Ace Tractor Company dated August 14, 1946 for a concrete floor for a building to be moved in at 5210 Firestone Place.</p> <p>5. A building permit is issued to Delong Engineering Company dated August 30, 1946, for a manufacturing plant at 5321 Firestone Boulevard.</p> <p>6. A building permit is issued to Delong Engineering Company dated January 2, 1947, to construct an office building at 5321 Firestone Boulevard.</p> <p>7. A building permit is issued to Delong Engineering Works dated March 26, 1947, for a steel-framed manufacturing building at 5321 Firestone Boulevard.</p> <p>8. Shultz Steel Company is founded in 1947. Single 28,900 square foot building in use.</p> <p>9. The Reisner Metals forge building was constructed and approximately five additions were made between 1956 and 1978.</p>	<p>2. City of South Gate Building Department</p> <p>3. City of South Gate Building Department</p> <p>4. City of South Gate Building Department</p> <p>5. City of South Gate Building Department</p> <p>6. City of South Gate Building Department</p> <p>7. City of South Gate Building Department</p> <p>8. SSC brochure and interviews.</p> <p>9. Meredith/Boli Site Investigation Remedial Action Report</p>
1950s	10. A portion of the Site was utilized as a golf driving range from approximately 1945 to 1977. The area near the Reisner Metals forge building appeared to be a junk yard with drum storage and a liquid pond, with a drainageway from the forge building.	10. 1954 aerial photograph.

YEAR	OBSERVATIONS/FINDINGS	SOURCE
	<p>11. A building permit is issued to SSC dated January 19, 1956, for a 4,000 square foot "Type IV" addition at 5321 Firestone Boulevard.</p> <p>12. A building permit is issued to Reisner Forge dated April 6, 1959 to relocate the existing 720 square foot office building and construct a new 11,000 square foot pre-fab steel-frame building at 5210 Firestone Place.</p>	<p>11. City of South Gate Building Department</p> <p>12. City of South Gate Building Department</p>
1960s	<p>13. The Site appears the same as in the previous aerial photograph.</p> <p>14. A building permit is issued to SSC dated April 8, 1960, for a 13,000 square foot addition to 5321 Firestone Boulevard.</p> <p>15. A building permit is issued to SSC dated June 13, 1960, for an 847 square foot "Type IV" addition for a warehouse at 5321 Firestone Boulevard.</p> <p>16. A building permit is issued to SSC dated June 16, 1960, for an addition to the existing manufacturing building at 5321 Firestone Boulevard.</p> <p>17. A building permit is issued to E. G. Reisner dated October 5, 1960, to install rough plumbing for commercial waste at 5210 Firestone Place.</p> <p>18. A building permit is issued to Reisner Forge dated August 28, 1961, to install a 216 square foot addition at 5210 Firestone Place.</p> <p>19. A building permit is issued to SSC dated June 4, 1963, for a concrete-block compressor room at 5321 Firestone Boulevard.</p> <p>20. A building permit issued to SSC dated December 1, 1966, for a 900 square foot "Type IV" addition to the existing steel building at 5321 Firestone Boulevard.</p> <p>21. A building permit is issued to SSC dated February 2, 1967, to remove approximately 3,000 cubic feet of dirt at 5321 Firestone Boulevard.</p>	<p>13. 1960 aerial photograph</p> <p>14. City of South Gate Building Department</p> <p>15. City of South Gate Building Department</p> <p>16. City of South Gate Building Department</p> <p>17. City of South Gate Building Department</p> <p>18. City of South Gate Building Department</p> <p>19. City of South Gate Building Department</p> <p>20. City of South Gate Building Department</p> <p>21. City of South Gate Building Department</p>

YEAR	OBSERVATIONS/FINDINGS	SOURCE
	<p>22. A building permit is issued to SSC dated February 28, 1967, to add 27,800 square feet of a "Type IV" addition to the existing plant at 5321 Firestone Boulevard.</p> <p>23. A building permit is issued to SSC dated March 9, 1967 to demolish 750 square feet of the existing masonry office building at 5321 Firestone Boulevard.</p> <p>24. A building permit is issued to SSC dated September 22, 1967, to move a 2-story office building and to construct 2,560 square foot brick office building at 5321 Firestone Boulevard.</p>	<p>22. City of South Gate Building Department</p> <p>23. City of South Gate Building Department</p> <p>24. City of South Gate Building Department</p>
1970s	<p>25. Two buildings appear at 5321 Firestone Boulevard. The balance of the Site appears similar to the 1960 aerial photograph.</p> <p>26. A building permit is issued to SSC dated February 15, 1973, for installation of a press and press room at 5321 Firestone Boulevard.</p> <p>27. A building permit is issued to SSC dated December 5, 1973, to install an "asbestos" roof on a one-story office building.</p> <p>28. A building permit is issued to SSC dated July 31, 1974, to install a 9,970 (10,000) gallon underground storage tank.</p> <p>29. A building permit is issued to Reisner Metals dated March 4, 1976, for the construction of offices, a lab, a warehouse, a machine shop, and welding facilities at 5225 East Firestone Place.</p> <p>30. A building permit is issued to Reisner Metals dated May 27, 1976, for the grading of an office and industrial building at 5225 East Firestone Place.</p> <p>31. A building permit is issued to Reisner Metals dated September 3, 1976, for the installation of a 2,000-gallon underground gasoline tank and pump at 5225 East Firestone Place.</p>	<p>25. 1970 aerial photograph</p> <p>26. City of South Gate Building Department</p> <p>27. City of South Gate Building Department</p> <p>28. City of South Gate Building Department</p> <p>29. City of South Gate Building Department</p> <p>30. City of South Gate Building Department</p> <p>31. City of South Gate Building Department</p>

YEAR	OBSERVATIONS/FINDINGS	SOURCE
	32. SSC is issued Industrial Waste Discharge Permit (No. 5093) dated January 5, 1977.	32. L.A. County Dept. of Public Works
	33. A building permit is issued to Reisner Metals dated February 24, 1977, for a 40-foot addition at 5225 East Firestone Place.	33. City of South Gate Building Department
	34. A building permit is issued to SSC dated May 4, 1977, to demolish a two-story building and storage building at 5321 Firestone Boulevard.	34. City of South Gate Building Department
	35. A building permit is issued to SSC dated June 12, 1977, for a metal-building addition to the existing building at 5321 Firestone Boulevard.	35. City of South Gate Building Department
	36. A building permit is issued to Reisner Metals dated August 26, 1977, to construct a 41,475 square foot warehouse and industrial building at 5335 Reisner Way.	36. City of South Gate Building Department
	37. A building permit is issued to Reisner Metals dated September 20, 1977, for the grading of land at 5335 Reisner Way.	37. City of South Gate Building Department
	38. A building permit is issued to SSC dated May 12, 1978, for a foundation for a 5,000 ton press at 5321 Firestone Boulevard.	38. City of South Gate Building Department
	39. The current structures onsite were built and Reisner Metals Inc., owned and operated steel and machinery manufacturing facility until 1987. Reisner utilized four buildings for its operations. Three of the four buildings are the existing buildings of the Lincoln Business Center. The fourth building was the forge building.	39. McLaren/Hart <i>Phase I Environmental Site Assessment</i>
	40. A building permit is issued to Bente Body Company dated February 9, 1979, for the addition of a paint spray booth at 5335 Reisner Way.	40. City of South Gate Building Department
	41. A building permit is issued to SSC dated March 12, 1979, to install a 9,940 ("10,000") gallon underground storage tank at 5321 Firestone Boulevard.	41. City of South Gate Building Department

YEAR	OBSERVATIONS/FINDINGS	SOURCE
	42. A building permit is issued to SSC dated June 16, 1979, for a new steel and concrete warehouse at 5321 Firestone Boulevard.	42. City of South Gate Building Department
	43. A building permit is issued to SSC dated August 2, 1979, to construct new concrete-block offices at 5321 Firestone Boulevard.	43. City of South Gate Building Department
	44. A building permit is issued to Reisner Metals dated December 14, 1979, to construct a new concrete tilt-up building at 5311 Reisner Way.	44. City of South Gate Building Department
	45. The buildings at 5335 Reisner Way and 5225 East Firestone Place appear in the aerial photograph.	45. 1979 aerial photograph
1980s	46. A building permit is issued to Reisner Metals dated January 3, 1980, for site grading and building pad preparation at 5311 Reisner Way.	46. City of South Gate Building Department
	47. A building permit is issued to Reisner Metals dated March 7, 1980, for installation of a 5,000-gallon underground gasoline tank at 5311 Reisner Way.	47. City of South Gate Building Department
	48. A building permit is issued to Reisner Metals dated May 14, 1981, for the installation of a quench tank pit at 5311 Reisner Way.	48. City of South Gate Building Department
	49. A building permit is issued to SSC dated February 17, 1981, to construct the foundation for a 25,000 pound hammer at 5321 Firestone Boulevard.	49. City of South Gate Building Department
	50. A building permit is issued to SSC dated June 16, 1981, to demolish the "old" 3,000 square foot office building at 5321 Firestone Boulevard. Based on personnel interviews, this office structure included the "asbestos" roof and was removed from the Site.	50. City of South Gate Building Department and interview with Peter Nash
	51. A building permit is issued to Reisner Metals dated June 26, 1981, for the construction of the foundation for the steam hammer at 5225 East Firestone Place.	51. City of South Gate Building Department
	52. A building permit is issued to SSC dated October 21, 1981, to construct a 53,760 square foot steel-framed metal warehouse at 8621 Rayo Avenue.	52. City of South Gate Building Department

YEAR	OBSERVATIONS/FINDINGS	SOURCE
	53. A building permit is issued to SSC dated November 4, 1981, for a 380 square foot addition for a compressor room at 5321 Firestone Boulevard.	53. City of South Gate Building Department
	54. A building permit is issued to SSC dated December 2, 1981, for grading of 10,000 cubic yards at 8621 Rayo Avenue.	54. City of South Gate Building Department
	55. A building permit is issued to SSC dated August 31, 1982, for installation of the foundation for a 25,000 ton press at 5321 Firestone Boulevard.	55. City of South Gate Building Department
	56. A building permit is issued to Reisner Metals dated October 20, 1981, for a 3,150-square-foot addition to the forge building.	56. City of South Gate Building Department
	57. A building permit is issued to SSC dated January 15, 1982, to remove the existing building bay and install a taller steel-framed bay at 5321 Firestone Boulevard.	57. City of South Gate Building Department
	58. A building permit is issued to SSC dated February 23, 1982, to install the foundation of a 1,500 ton press at 5321 Firestone Boulevard.	58. City of South Gate Building Department
	59. A building permit is issued to Shultz Steel dated March 15, 1982, to construct a pit for cooling water at 8621 Rayo Avenue.	59. City of South Gate Building Department
	60. A building permit is issued to SSC dated April 1, 1982, for installation of a concrete block electrical and transformer room at 8621 Rayo Avenue.	60. City of South Gate Building Department
	61. A building permit is issued to Reisner Metals dated April 6, 1982, for the installation of an industrial waste interceptor.	61. City of South Gate Building Department
	62. A building permit is issued to Reisner Metals dated September 17, 1982, to install at 1,260 cubic foot quench tank at 5311 Reisner Way.	62. City of South Gate Building Department
	63. A building permit is issued to SSC dated April 18, 1983, for the foundation of a liquid oxygen tank at 5321 Firestone Boulevard.	63. City of South Gate Building Department

YEAR	OBSERVATIONS/FINDINGS	SOURCE
	64. A building permit is issued to Reisner Metals dated June 10, 1983, for demolition of offices at 5225 East Firestone Place.	64. City of South Gate Building Department
	65. A building permit is issued to SSC dated February 3, 1984, to replace the existing storage structure with a metal building at 5321 Firestone Boulevard.	65. City of South Gate Building Department
	66. A building permit is issued to SSC dated February 22, 1984, to build an office building of concrete block and steel at 8621 Rayo Avenue.	66. City of South Gate Building Department
	67. A building permit is issued to Reisner Metals dated March 25, 1985, for demolition of a masonry building and shed at 5225 East Firestone Place.	67. City of South Gate Building Department
	68. A building permit is issued to Reisner Metals dated July 30, 1985, for the addition of a foundation for a hydraulic press at 5225 East Firestone Place.	68. City of South Gate Building Department
	69. SSC purchases the "Annex" at 5210 Firestone Place in 1985.	69. Interview with Peter Nash
	70. A building permit is issued to Reisner Metals dated August 15, 1985, for the addition of a concrete pit, slab, and metal building at 5225 East Firestone Place.	70. City of South Gate Building Department
	71. New high bay building at 5321 Firestone Boulevard. The three buildings currently onsite appear in the aerial photograph. The buildings appear to be unoccupied.	71. 1986 aerial photograph
	72. Two 10,000 gallon and one 2,500 gallon underground storage tanks are issued permits in 1986.	72. L.A. County Dept. of Public Works
	73. 2,000-gallon and 5,000-gallon underground gasoline storage tanks were removed at Reisner Metals and Meredith/Boli & Associates prepared a closure report. The 2,000-gallon tank was located between 5311 and 5335 Reisner Way. The 5,000-gallon tank was located outside the eastern wall of 5225 East Firestone Place. According to the report, soil in the vicinity of the 2,000-gallon tank was impacted with total petroleum hydrocarbons. The closure report stated no soil contamination in the vicinity of the	73. Meredith/Boli Closure Report for Underground Tanks and Los Angeles County Department of Public Works

YEAR	OBSERVATIONS/FINDINGS	SOURCE
	5,000-gallon tank.	
74.	A building permit is issued to Reisner Metals dated June 20, 1988, to remove five underground tanks from 5225 East Firestone Place.	74. City of South Gate Building Department
75.	A building permit is issued to Shultz Steel dated July 5, 1988, to construct an industrial building at 8621 Rayo Avenue.	75. City of South Gate Building Department
76.	A building permit is issued to Reisner Metals dated October 3, 1988, for demolition and closure of seven underground vaults at 5225 East Firestone Place.	76. City of South Gate Building Department
77.	Four quench tanks associated with the heat treating process in the 5311 Reisner Way building were removed and the concrete vaults backfilled with crushed rock. A 6-inch cement cap was placed over the crushed rocks. Laboratory analyses indicated no soil contamination beneath the area.	77. Meredith/Boli <i>Closure Report for Quench Tanks</i>
78.	A building permit is issued to Lincoln Properties dated January 19, 1989, for demolition of office walls and some warehouse walls at 5225 Firestone Place.	78. City of South Gate Building Department
79.	Metal dust from overhead/vertical supports and girders were removed from all buildings. Hydrocarbon, metal dust, and dirt residues on the floors of all buildings was removed and disposed of. Various materials (e.g., drummed wastes and laboratory chemicals) were removed from the Site at the direction of Reisner Metals.	79. Meredith/Boli <i>Site Investigation Remedial Action Report</i>
80.	Soil sampling in the area of the former forge indicated the presence of total recoverable petroleum hydrocarbons and selected metals, especially zinc, copper, and lead. As of March 1989, approximately 1,250 tons of contaminated soils was excavated and transported offsite.	80. Meredith/Boli <i>Soil Remedial Action Report</i>
81.	Eight sumps associated with the former forge were closed without remedial action. A ninth and final sump was closed with the excavation of 6 cubic yards of soil, impacted with total recoverable petroleum hydrocarbons.	81. Meredith/Boli <i>Closure Report for Forge Sumps</i>

YEAR	OBSERVATIONS/FINDINGS	SOURCE
	82. A building permit is issued to Reisner Metals dated March 29, 1989, to demolish the interior of the existing office/warehouse building at 5225 East Firestone Place.	82. City of South Gate Building Department
	83. A building permit is issued to Reisner Metals dated May 18, 1989, for the addition of new office areas and to alter existing office areas at 5225 East Firestone Place.	83. City of South Gate Building Department
	84. Lincoln Property Company purchased 5311 and 5335 Reisner Way and 5225 East Firestone Place in 1989. The buildings were remodeled for multitenant usage.	84. McLaren/Hart Phase I Env. Site Assessment
	85. Shultz Steel purchased the area associated with the former forge building.	85. Interview with Peter Nash
	86. Air Nail Manufacturing becomes a tenant at 5311 and 5335 Reisner Way.	86. McLaren/Hart Phase I ESA
	87. A building permit is issued to Air Nail dated October 16, 1989, to install an 81 squared foot chemical storage area at 5311 Reisner Way.	87. City of South Gate Building Department
1990s	88. SSC removed 3 underground storage tanks in June and October of 1990 – two 10,000 gallon gasoline/diesel installed in 1975 and 1979, respectively, and one 2,500 gallon waste oil tank installed prior to 1981. The report notes state “no noticeable odor or staining.” No TPH or BTEX was detected in any soil sample. Closure reports are submitted to the LADPW in August and December 1990.	88. Los Angeles Department of Public Works and Ami Adini & Associates Final Closure Report, 7/16/90 and 11/30/90
	89. The LADPW issued a closure certification to SSC dated March 4, 1991, for the two 10,000 gallon tanks removed from 5321 Firestone Boulevard.	89. Los Angeles County Dept. of Public Works
	90. Air Nail Manufacturing, Concord Bindery, and Ink Makers become tenants of 5311 and 5335 Reisner, and 5225 East Firestone Place.	90. HLA Phase I Environmental Assessment
	91. Reisner buildings are gone from aerial photograph.	91. 1992 aerial photo

YEAR	OBSERVATIONS/FINDINGS	SOURCE
	92. A building permit is issued to 5335 Reisner Way dated July 26, 1991, to install a 499-gallon aboveground propane tank.	92. City of South Gate Building Department
	93. The LADPW issued a closure certification to SSC dated May 7, 1992, for the 2,500 gallon hydraulic oil tank removed from 5321 Firestone Boulevard.	93. Los Angeles County Dept. of Public Works
	94. The Site generally appears in 1993 as it does currently with the exception of the 35,000 ton press now under construction at 5321 Firestone Boulevard.	94. 1993 Aerial Photograph
	95. The L.A. County Department of Public Works (DPW) issued a final closure letter in 1993 for hazardous materials underground storage for Reisner Metals. Closure letter is for all buildings associated with Reisner Metals, including former forge building.	95. Los Angeles County Department of Public Works
	96. Air Nail Manufacturing, C. Itoh Building Products, Mann Aircraft Forming, Concord Bindery, McNichols Company, and Ink Makers are all tenants at 5311 and 5335 Reisner Way and 5225 East Firestone Place.	96. McLaren/Hart Phase I Environmental Site Assessment
	97. A building permit is issued to Shultz Steel dated January 10, 1996, for construction of a 4,800 square foot addition at 8621 Rayo Avenue.	97. City of South Gate Building Department
	98. McLaren/Hart Phase I Environmental Site Assessment conducted in 1996.	98. McLaren/Hart Phase I ESA
	99. SSC purchases 5311 and 5335 Reisner Way and 5225 East Firestone Place. HLA Phase I Environmental Site Assessment and Phase II Subsurface Investigation of 5311 and 5335 Reisner Way and 5225 East Firestone Place.	99. HLA Phase I Environmental Site Assessment and Phase II Subsurface Investigation.
	100. The LADPW performed a scheduled inspection of USTs at SSC dated April 22, 1997, and found the leak detection system was in alarm. Peter Nash indicated that the leak sensor was found to be faulty and was replaced.	100. Los Angeles County Dept. of Public Works
	101. HLA Phase I Environmental Site Assessment for SSC complex.	101. HLA Personnel

APPENDIX D

ASBESTOS BULK SAMPLING SUMMARY

**BULK SAMPLING SUMMARY
SCHULTZ STEEL COMPANY
SOUTH GATE, CALIFORNIA**

Space: 8620 Rayo Avenue

Date: 9/4/98

Sample Number	Material Sampled	Sample Location	Quantity	Analytical Results	Friability	Conditions	Air Erosion	Contact	Vibration
1	2' x 2' acoustical ceiling panel - deep fissure	2nd floor; engineer's office		ND					
2	12" x 12" beige resilient floor tile	2nd floor; engineer's office		ND					
3	Mastic associated with 12" x 12" beige resilient floor tile	2nd floor; engineer's office		ND					
4	4" brown baseboard mastic	2nd floor; engineer's office		ND					
5	Wallboard	2nd floor; engineer's office		ND					
6	Joint compound	2nd floor; engineer's office		ND					
7	Sink under coating	2nd floor	1 sink	10% Chrysotile	N	G	L	L	L
8	2" green baseboard mastic	2nd floor		ND					
9	2' x 4' acoustical ceiling tile pinhole/fissures	2nd floor; inspector's office		ND					
10	2' x 4' acoustical ceiling tile pinhole/small fissure	2nd floor; inspector's office		ND					
11	4" brown baseboard mastic	2nd floor; inspector's office		ND					

Friability Codes: N = Non-friable; F = Friable

Condition Codes: G = Good; F = Fair; P = Poor

Air Erosion Contact Vibration Codes: L = Low; M = Moderate; H = High

NA = Not Analyzed

ND = Not Detected

N = Negative by the Point Count Method

R = Reference

**BULK SAMPLING SUMMARY
SCHULTZ STEEL COMPANY
SOUTH GATE, CALIFORNIA**

Space: 5321 Firestone Boulevard – Office Area

Date: 9/4/98

Sample Number	Material Sampled	Sample Location	Quantity	Analytical Results	Friability	Conditions	Air Erosion	Contact	Vibration
12	12" x 12" white with gray streaks resilient floor tile	Conference room		ND					
13	Mastic associated with 12" x 12" white with gray streaks resilient floor tile	Conference room		ND					
14	12" x 12" brown resilient floor tile	Hallway	200 SF	2% Chrysotile	N	F	L	H	L
15	Mastic associated with 12" x 12" brown resilient floor tile	Hallway	R-14	3% Chrysotile	N	F	L	L	L
16	12" x 12" beige with fissures resilient floor tile	Women's restroom	75 SF	2% Chrysotile	N	F	L	H	L
17	Mastic associated with 12" x 12" beige with fissures resilient floor tile	Women's restroom	R-16	10% Chrysotile	N	F	L	L	L
18	2' x 2' pinhole with small fissure acoustical ceiling panel	Hallway		ND					
19	Mastic associated with 4" gray baseboard	Conference room		ND					
20	Wallboard	Women's restroom		ND					
21	Joint compound	Women's restroom		ND					
22	Brown baseboard mastic	Men's restroom		ND					
23	12" x 12" beige/orange with fissures resilient floor tile	Office	100 SF	2% Chrysotile	N	P	L	H	L
24	Mastic associated with 12" x 12" beige/orange with fissures resilient floor tile	Office	R-23	5% Chrysotile	N	F	L	L	L
25	Sink undercoating	Office		ND					
26	Exterior stucco	East wall	1,900 SF	<1% Chrysotile	N	F	M	M	L
27	Exterior stucco	Northwest corner	R-26	<1% Chrysotile	N	F	M	M	L
28	Exterior stucco	East wall	R-26	<1% Chrysotile	N	F	M	M	L
29	Exterior stucco	Southeast corner		ND					

Friability Codes: N = Non-friable; F = Friable

Condition Codes: G = Good; F = Fair; P = Poor

Air Erosion Contact Vibration Codes: L = Low; M = Moderate; H = High

NA = Not Analyzed

ND = Not Detected

N = Negative by the Point Count Method

R = Reference

**BULK SAMPLING SUMMARY
SCHULTZ STEEL COMPANY
SOUTH GATE, CALIFORNIA**

Space: 5321 Firestone Boulevard – Office Area

Date: 9/4/98

Sample Number	Material Sampled	Sample Location	Quantity	Analytical Results	Friability	Conditions	Air Erosion	Contact	Vibration
30	Exterior stucco	Southwest corner	R-26	<1% Chrysotile	N	F	M	M	L

Friability Codes: N = Non-friable; F = Friable

Condition Codes: G = Good; F = Fair; P = Poor

Air Erosion Contact Vibration Codes: L = Low; M = Moderate; H = High

NA = Not Analyzed

ND = Not Detected

N = Negative by the Point Count Method

R = Reference

**BULK SAMPLING SUMMARY
SCHULTZ STEEL COMPANY
SOUTH GATE, CALIFORNIA**

Space: 5210 Firestone Place

Date: 9/4/98

Sample Number	Material Sampled	Sample Location	Quantity	Analytical Results	Friability	Conditions	Air Erosion	Contact	Vibration
31	12" O.D. pipe insulation	In furnace		ND					
32	12" O.D. pipe insulation	In furnace		ND					
33	12" O.D. pipe insulation	In furnace		ND					
34	8" O.D. pipe insulation	In furnace		ND					
35	8" O.D. pipe insulation	In furnace		ND					
36	8" O.D. pipe insulation	In furnace		ND					

Friability Codes: N = Non-friable; F = Friable

Condition Codes: G = Good; F = Fair; P = Poor

Air Erosion Contact Vibration Codes: L = Low; M = Moderate; H = High

NA = Not Analyzed

ND = Not Detected

N = Negative by the Point Count Method

R = Reference

**BULK SAMPLING SUMMARY
SCHULTZ STEEL COMPANY
SOUTH GATE, CALIFORNIA**

Space: 5321 Firestone Boulevard

Date: 9/4/98

Sample Number	Material Sampled	Sample Location	Quantity	Analytical Results	Friability	Conditions	Air Erosion	Contact	Vibration
37	4" green baseboard mastic	Engineering office		ND					
38	2' x 2' acoustical ceiling tile large fissure	Engineering office		ND					
39	Wallboard	Engineering office		ND					
40	Joint compound	Engineering office		ND					
41	12" x 12" cream resilient floor tile	Telephone equipment room		ND					
42	Mastic associated with 12" x 12" cream resilient floor tile	Telephone equipment room	430 SF	10% Chrysotile	N	F	L	L	L
43	Wall plaster	Telephone equipment room		ND					
44	4" rust baseboard mastic	Telephone equipment room		ND					
45	Black sink undercoating	Main office coffee bar		ND					
46	12" x 12" green resilient floor tile	A/C office		ND					
47	Mastic associated with 12" x 12" green resilient floor tile	A/C office		ND					
48	12" x 12" brown resilient floor tile	A/C office		ND					
49	Mastic associated with 12" x 12" brown resilient floor tile	A/C office	52 SF	10% Chrysotile	N	F	L	L	L
50	2' x 4' acoustical ceiling tile	A/C closet		ND					
51	2' x 4' acoustical ceiling tile	Plant office		ND					

Friability Codes: N = Non-friable; F = Friable

Condition Codes: G = Good; F = Fair; P = Poor

Air Erosion Contact Vibration Codes: L = Low; M = Moderate; H = High

NA = Not Analyzed

ND = Not Detected

N = Negative by the Point Count Method

R = Reference

DISTRIBUTION

Phase I Environmental Site Assessment

Shultz Steel Company

**5321 East Firestone Boulevard, 5311 and 5335 Reisner Way, 5210 Firestone Place,
5225 East Firestone Place, and 8621 Rayo Avenue
South Gate, California**

September 30, 1998

**Copy 1: Ms. Kim Etheridge
Freemont Investment and Loan
701 5th Avenue, Suite 6600
Seattle, Washington 98104**

**Copy 2: Mr. Tom Reed
Chief Financial Officer
Shultz Steel Company
5321 Firestone Boulevard
South Gate, California 90280**

Copy 3: HLA Project File